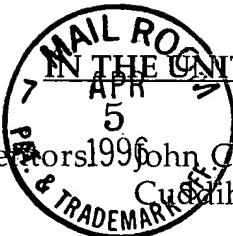


PATENT

Docket No. 5634.223



Inventors 1996 John C. Harvey and James W.  
Cochrane

Serial No.: 08/460,817

Filing Date: June 2, 1995

For: Signal Processing Apparatus and  
Methods

Group Art Unit: 2602

Examiner:

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GROUP 260

Assistant Commissioner of Patents  
Washington D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>
08/113,329	August 30, 1993	Pending
08/056,501	May 3, 1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825
06/829,531	February 14, 1986	4,704,725

06/317,510

November 3, 1981

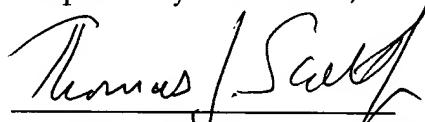
4,694,490

Applicants believe that all references cited on the attached PTO 1449 form were cited by or submitted to the PTO in one or more of the priority applications. Therefore, no copies of the listed references are provided herewith. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office action on the merits, no certification or fee is required.

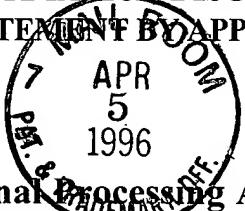
Respectfully submitted,



Dated: April 2, 1996

Thomas J. Scott, Jr. (Reg. No. 27,836)

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PTO 1449 <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Title: <b>Signal Processing Apparatus and Method</b>	Attorney Docket No. 5634.223	Serial No. 08/460,817
	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: June 2, 1995	Group: 2602

### U.S. Patent Documents

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	2,511,085	June 13, 1950	Smith	179/1	
	2,573,349	Oct. 30, 1951	Miller et al.	177/353	
	2,769,023	Oct. 30, 1956	Loew et al.	178/5.1	
	2,788,387	Apr. 9, 1957	Druz	178/5.1	
	2,864,885	Dec. 16, 1958	Morris	178/5.1	
	2,866,962	Dec. 30, 1958	Ellet	340/147	
	3,016,091	Jan. 9, 1962	Daniele	162/391	
	3,071,642	Jan. 1, 1963	Mountjoy et al.	178/5.1	
	3,213,201	Oct. 19, 1965	Flood et al.	179/15	
	3,238,297	Mar. 1, 1966	Pawley et al.	178/22	
	3,363,250	Jan. 9, 1968	Jacobson	343/225	
	3,493,674	Feb., 1970	Houghton	178/5.6	
	3,531,586	Sept. 29, 1970	Bass et al.	178/6	
	3,536,833	Oct. 27, 1970	Guanella	178/22	
	3,569,937	Mar. 9, 1971	Hoetter	340/171	
	3,573,747	Apr. 6, 1971	Adams et al.	340/172.5	
	3,584,142	June 8, 1971	Schoeffler	178/6.8	
	3,601,528	Aug. 24, 1971	McVoy	178/5.1	
	3,609,697	Sept. 28, 1971	Blevins et al.	340/172.5	
	3,657,699	Apr. 18, 1972	Rocher et al.	340/146.1	

EXAMINER	DATE CONSIDERED
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	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: June 2, 1995	Group: 2602
<b>Title: Signal Processing Apparatus and Method</b>		

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,659,046	Apr. 25, 1972	Angeleri et al.	178/22	
	3,668,307	June 6, 1972	Face et al.	178/5.6	
	3,684,823	Aug. 15, 1972	McVoy	178/5.1	
	3,693,090	Sept. 19, 1972	Gabriel	325/308	
	3,703,684	Nov. 21 1972	McVoy	325/31	
	3,725,672	Apr. 3, 1973	Reuter	307/208	
	3,729,581	Apr. 24, 1973	Anderson	178/6.8	
	3,731,197	May 1, 1973	Clark	325/32	
	3,733,430	May 15, 1973	Thompson et al.	178/5.1	
	3,736,369	May 29, 1973	Vogelman et al.	178/5.1	
	3,749,845	July 31, 1973	Fraser	179/15	
	3,752,908	Aug. 14, 1973	Boenke et al.	178/5.6	
	3,757,225	Sep. 4, 1973	Ukicki	325/308	
	3,773,977	Nov. 20, 1973	Guanella	179/1.5	
	3,777,053	Dec. 4, 1973	Wittig et al.	178/5.1	
	3,789,137	Jan. 29, 1974	Newell	178/6.6	
	3,790,700	Feb. 5, 1974	Callais et al.	178/5.1	
	3,798,359	Mar. 19, 1974	Feistel	178/22	
	3,798,610	Mar. 19, 1974	Bliss et al.	340/172.5	
	3,803,491	Apr. 9, 1974	Osborn	325/53	

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	Filing Date: June 2, 1995	Group: 2602

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,806,814	Apr. 23, 1974	Forbes	325/309	
	3,819,852	June 25, 1974	Wolf	178/5.6	
	3,824,332	July 16, 1974	Horowitz	178/5.1	
	3,824,467	July 16, 1974	French	325/32	
	3,825,893	July 23, 1974	Bossen et al.	340/146.1	
	3,833,757	Sept. 3, 1974	Kirk, Jr. et al.	178/5.6	
	3,835,387	Sep. 10, 1974	Rookes et al.	325/55	
	3,842,196	Oct. 15, 1974	Louglin	358/12	
	3,845,391	Oct. 29, 1974	Crosby	325/64	
	3,848,193	Nov. 12, 1974	Martin et al.	325/53	
	3,882,392	May 6, 1975	Harney	325/53	
	3,885,089	May 20, 1975	Callais et al.	178/5.1	
	3,886,302	May 27, 1975	Kosco	178/5.1	
	3,886,454	May 27, 1975	Oakley et al.	325/52	
	3,890,461	June 17, 1975	Vogelman et al.	178/5.1	
	3,891,792	June 24, 1975	Kimura	178/5.8R	
	3,893,031	July 1, 1975	Majeau et al.	325/32	
	3,894,176	July 8, 1975	Mellon	178/5.1	
	3,899,633	Aug. 12, 1975	Sorenson et al.	178/5.1	
	3,911,216	Oct. 7, 1975	Bartek et al.	178/22	
	3,914,534	Oct. 21, 1975	Forbes	178/5.1	

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,916,091	Oct. 28, 1975	Kirk, Jr. et al.	178/5.1	
	3,919,462	Nov. 11, 1975	Hartung et al.	178/5.1	
	3,921,151	Nov. 18, 1975	Guanella	340/172.5	
	3,924,187	Dec. 2, 1975	Dormans	325/52	
	3,934,079	Jan. 20, 1976	Barnhart	178/5.1	
	3,936,593	Feb. 3, 1976	Aaronson et al.	178/5.1	
	3,936,594	Feb. 3, 1976	Schubin et al.	178/5.1	
	3,936,595	Feb. 3, 1976	Yanagimachi et al.	178/5.6	
	3,943,447	Mar. 9, 1976	Shomo, III	325/308	
	3,947,882	Mar. 30, 1976	Lightner	360/92	
	3,949,313	Apr. 6 1976	Tamada et al.	329/106	
	3,956,615	May 11, 1976	Anderson et al.	235/61.7B	
	3,970,790	July 20, 1976	Guanella	179/1.5S	
	3,975,583	Aug. 17, 1976	Meadows	175/5.6	
	3,978,449	Aug. 31, 1976	Sanders et al.	340/146.1	
	3,987,398	Oct. 19, 1976	Fung	325/309	
	3,988,528	Oct. 26, 1976	Yanagimachi et al.	178/5.6	
	3,997,718	Dec. 14, 1976	Ricketts et al.	178/6.8	
	4,024,574	May 17, 1977	Nieson	358/117	
	4,025,851	May 24, 1977	Hazelwood et al.	325/31	
	4,025,947	May 24, 1977	Michael	358/86	

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,025,948	May 24, 1977	Loshin	358/122	
	4,031,548	June 21, 1977	Kato et al.	358/188	
	4,048,619	Sept. 13, 1977	Forman, Jr. et al.	340/154	
	4,049,906	Sept. 20, 1977	Hafner et al.	178/2C	
	4,054,911	Oct. 18, 1977	Fletcher et al.	358/141	
	4,058,830	Nov. 15, 1977	Gulnet et al.	358/86	
	4,068,264	Jan. 10, 1978	Pires	358/122	
	4,079,419	Mar. 14, 1978	Siegle et al.	358/193	
	4,081,612	Mar. 28, 1978	Hafner	179/15BA	
	4,081,753	Mar. 28, 1978	Miller	325/396	
	4,081,831	Mar. 28, 1978	Tang et al.	358/114	
	4,091,417	May 23, 1978	Nieson	358/117	
	4,104,486	Aug. 1, 1978	Martin et al.	179/2	
	4,107,735	Aug. 15, 1978	Frohbach	358/84	
	4,112,464	Sept. 5, 1978	Gulf et al.	358/122	
	4,115,662	Sept. 19, 1978	Gulnet et al.	179/15BV	
	4,115,807	Sept 19, 1978	Pires	358/122	
	4,120,030	Oct. 10, 1978	Johnstine	364/200	
	4,130,833	Dec. 19, 1978	Choenet	358/122	
	4,131,881	Dec. 26, 1978	Robinson	340/167R	
	4,138,726	Feb. 6, 1979	Girault et al.	364/521	

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,160,120	July 3, 1979	Barnes et al.	178/22	
	4,161,751	July 17, 1979	Ost	358/114	
	4,163,254	July 31, 1979	Block et al.	358/122	
	4,163,255	July 31, 1979	Pires	358/122	
	4,168,396	Sept. 18, 1979	Best	178/22	
	4,170,782	Oct. 9, 1979	Miller	358/84	
	4,171,513	Oct. 16, 1979	Otey et al.	325/32	
	4,172,213	Oct. 23, 1979	Barnes et al.	178/22	
	4,186,413	Jan. 29, 1980	Mortimer	358/146	
	4,196,310	Apr. 1, 1980	Forman et al.	178/22	
	4,200,770	Apr. 29, 1980	Hellman et al.	178/22	
	4,200,913	Apr. 29, 1980	Kuhar et al.	364/900	
	4,205,343	May 27, 1980	Barrett	358/147	
	4,213,124	July 15, 1980	Barda et al.	340/706	
	4,215,366	July 29, 1980	Davidson	358/124	
	4,215,370	July 29, 1980	Kirk, Jr.	358/146	
	4,225,884	Sept. 30, 1980	Block et al.	358/122	
	4,225,967	Sep. 30, 1980	Miwa et al.	455/68	
	4,230,990	Oct. 28, 1980	Lert, Jr et al.	455/67	
	4,232,193	Nov. 4, 1980	Gerard	179/1.5R	
	4,236,217	Nov. 25, 1980	Kennedy	364/483	

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,237,484	Dec. 2, 1980	Brown et al.	358/142	
	4,245,245	Jan. 13, 1981	Matsumoto et al.	358/122	
	4,247,106	Jan. 27, 1981	Jeffers et al.	273/85G	
	4,250,524	Feb. 10, 1981	Tomizawa	358/122	
	4,253,114	Feb. 24, 1981	Tang et al.	358/114	
	4,253,157	Feb. 24, 1981	Kirschner et al.	364/900	
	4,262,329	Apr. 14, 1981	Bright et al.	364/200	
	4,264,924	Apr. 28, 1981	Freeman	358/86	
	4,264,925	Apr. 28, 1981	Freeman et al.	358/86	
	4,266,243	May 5, 1981	Shutterly	358/121	
	4,275,411	June 23, 1981	Lippel	358/13	
	4,283,602	Aug. 11, 1981	Adams et al.	179/1.5R	
	4,284,976	Aug. 18, 1981	Gable et al.	340/147	
	4,286,281	Aug. 25 1981	Suzuki	358/4	
	4,287,592	Sept. 1, 1981	Paulish et al.	370/88	
	4,288,809	Sept. 8, 1981	Yabe	358/12	
	4,290,141	Sept. 15, 1981	Anderson et al.	455/2	
	4,290,142	Sept. 15, 1981	Schnee et al.	455/3	
	4,292,650	Sept. 29, 1981	Henderickson	358/173	
	4,295,223	Oct. 13, 1981	Shutterly	455/72	
	4,302,771	Nov. 24, 1981	Gargini	358/86	July 23, 1980

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,304,990	Dec. 8, 1981	Atalla	235/380	Feb. 4, 1980
	4,305,101	Dec. 8, 1981	Yarbrough et al.	360/69	Apr. 16, 1979
	4,305,131	Dec. 8, 1981	Best	364/521	
	4,305,131	Dec. 8, 1981	Best	364/521	Mar. 31, 1980
	4,306,289	Dec. 15, 1981	Lumley	364/200	Feb. 4, 1980
	4,306,305	Dec. 15, 1981	Doi et al.	371/38	Oct. 19, 1979
	4,307,446	Dec. 22, 1981	Barton et al.	364/200	May 2, 1979
	4,310,854	Jan. 12, 1982	Baer	358/143	Aug. 29, 1979
	4,312,016	Jan. 19, 1982	Glaab et al.	358/188	Feb. 2, 1979
	4,313,132	Jan. 26, 1982	Doles et al.	358/114	Oct. 31, 1979
	4,314,367	Feb. 2, 1982	Bakka et al.	370/60	Jan. 17, 1980
	4,316,055	Feb. 16, 1982	Feistel	178/22.06	Dec. 30, 1976
	4,316,245	Feb. 16, 1982	Luu et al.	364/200	Dec. 7, 1978
	4,318,125	Mar. 2, 1982	Shutterly	358/121	Apr. 25, 1979
	4,319,079	Mar. 9, 1982	Best	178/22.09	Jan. 17, 1980
	4,322,745	Mar. 30, 1982	Saeki et al.	358/123	Mar. 21, 1980
	4,323,921	Apr. 6, 1982	Guillou	358/114	Jan. 23, 1980
	4,323,922	Apr. 6, 1982	den Toonder et al.	358/117	Dec. 17, 1979
	4,325,078	Apr. 13, 1982	Seatom et al.	358/117	Nov. 20, 1979
	4,329,675	May 11, 1982	Van Hulle	358/86	Sep. 23, 1980
	4,329,684	May 11, 1982	Monteath et al.	340/707	Jan. 15, 1980

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,331,973	May 25, 1982	Eskin et al.	358/84	Oct. 20, 1980
	4,331,974	May 25, 1982	Cogswell et al.	358/86	Oct. 21, 1980
	4,332,980	June 1, 1982	Reynolds et al.	179/2A	May 30, 1980
	4,333,152	June 1, 1982	Best	364,521	June 13, 1980
	4,334,242	June 8, 1982	Mangold	358/127	Jan. 14, 1980
	4,336,553	June 22, 1982	den Toonder et al.	358/120	May 14, 1980
	4,336,559	June 22, 1982	Koyama et al.	360/73	Nov. 9, 1978
	4,337,480	June 29, 1982	Bourassin et al.	358/93	Feb. 8, 1990
	4,337,483	June 29, 1982	Guillou	358/114	Jan. 31, 1980
	4,338,628	July 6, 1982	Payne et al.	358/120	Dec. 19, 1979
	4,339,798	July 13, 1982	Hedges et al.	364/412	Dec. 17, 1979
	4,340,903	July 20, 1982	Tamura	358/10	Aug. 6, 1980
	4,347,498	Aug. 31, 1982	Lee et al.	340/825.02	Nov. 21, 1979
	4,347,532	Aug. 31, 1982	Korver	358/183	Oct. 14, 1980
	4,353,088	Oct. 5, 1982	den Toonder et al.	358/120	May 14, 1980
	4,354,201	Oct. 12, 1982	Sechet et al.	358/122	June 11, 1980
	4,355,372	Oct. 19, 1982	Johnson et al.	364/900	Dec. 24, 1980
	4,360,827	Nov. 23, 1982	Braun	358/85	June 2, 1981
	4,361,730	Nov. 30, 1982	Barber et al.	179/5 R	Aug. 29, 1980
	4,361,877	Nov. 30, 1982	Dyer et al.	364/900	Feb. 5, 1980
	4,364,081	Dec. 14, 1982	Hashimoto et al.	358/13	Apr. 16, 1981

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,365,110	Dec. 21, 1982	Lee et al.	178/22.10	June 5, 1979
	4,367,548	Jan. 4, 1983	Cotten, Jr. et al.	370/3	Apr. 10, 1980
	4,367,557	Jan 4, 1983	Stern et al.	455/4	May 25, 1979
	4,375,579	Mar. 1, 1983	Davida et al.	178/22.10	Jan. 30, 1980
	4,375,651	Mar. 1, 1983	Templin et al.	358/191.1	July 27, 1981
	4,379,205	Apr. 5, 1983	Wyner	178/22.10	June 22, 1979
	4,381,522	Apr. 26, 1983	Lambert	358/86	Dec. 1, 1980
	4,383,257	May 10, 1983	Giallanza et al.	340/825.47	Dec. 12, 1980
	4,388,643	June 14, 1983	Aminetzah	358/123	Apr. 6, 1981
	4,388,645	June 14, 1983	Cox et al.	358/147	Apr. 13, 1981
	4,389,671	June 21, 1983	Posner et al.	358/124	Sept. 29, 1980
	4,390,898	June 28, 1983	Bond et al.	358/119	Mar. 23, 1981
	4,390,901	June 28, 1983	Keiser	358/147	Oct. 16, 1980
	4,390,904	June 28, 1983	Johnston et al.	358/335	Sep. 20, 1979
	4,394,687	July 19, 1983	Hutt et al.	358/147	Apr. 30, 1980
	4,394,691	July 19, 1983	Amano et al.	358/194.1	July 30, 1981
	4,394,762	July 19, 1983	Nabeshima	371/38	Jan. 6, 1981
	4,395,757	July 26, 1983	Bienvenu et al.	364/200	Apr. 14, 1981
	4,396,947	Aug. 2, 1983	Cheung	358/124	Mar. 26, 1980
	4,398,216	Aug. 9, 1983	Field et al.	358/121	Sept. 19, 1980
	4,400,587	Aug. 23, 1983	Taylor et al.	179/27D	Aug. 25, 1981

EXAMINER	DATE CONSIDERED
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <b>Title: Signal Processing Apparatus and Method</b>	Attorney Docket No. 5634.223	Serial No. 08/460,817
	<b>Applicants</b> John C. Harvey and James W. Cuddihy	
	<b>Filing Date:</b> June 2, 1995	<b>Group:</b> 2602

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,404,589	Sept. 13, 1983	Wright, Jr.	358/86	Oct. 21, 1980
	4,405,942	Sept. 20, 1983	Block et al.	358/119	Mar. 3, 1982***
	4,410,917	Oct. 18, 1983	Newdoll et al.	360/15	Sept. 14, 1981
	4,413,339	Nov. 1, 1983	Riggle et al.	371/38	June 24, 1981
	4,422,105	Dec. 20, 1983	Rodesch et al.	358/903	Sep. 30, 1980
	4,424,532	Jan. 3, 1984	den Toonder et al.	358/120	May 9, 1983***
	4,425,581	Jan. 10, 1984	Scweppe et al.	358/148	Apr. 17, 1981
	4,430,731	Feb. 7, 1984	Gimple et al.	370/30	Apr. 29, 1981
	4,433,207	Feb. 21, 1984	Best	178/22.09	Sept. 10, 1981
	4,434,323	Feb. 28, 1984	Levine et al.	178/22.17	June 29, 1981
	4,434,436	Feb. 28, 1984	Kleykamp et al.	358/118	July 13, 1981
	4,434,464	Feb. 28, 1984	Suzuki et al.	364/200	Mar. 31, 1981
	4,446,519	May 1, 1984	Thomas	364/200	May 26, 1981
	4,449,247	May 15, 1984	Waschka, Jr.	455/9	Jul. 30, 1980
	4,451,701	May 29, 1984	Bendig	179/2 TV	Oct. 11, 1983***
	4,467,139	Aug. 21, 1984	Mollier	178/22.08	Mar. 12, 1981
	4,467,356	Aug. 21, 1984	McCoy	358/146	Sept. 24, 1981
	4,471,163	Sept. 11, 1984	Donald et al.	178/22.08	Oct. 5, 1981
	4,471,164	Sept. 11, 1984	Henry	178/22.11	Oct. 13, 1981
	4,475,123	Oct. 2, 1984	Dumbauld et al.	358/114	Apr. 2, 1981
	4,488,179	Dec. 11, 1984	Krüger et al.	358/181	Sept. 23, 1981

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,491,983	Jan. 1, 1985	Pinnow et al.	455/612	Apr. 29, 1982***
	4,513,174	Apr. 23, 1985	Herman	178/22.08	Mar. 19, 1981
	4,528,588	July 9, 1985	Löfberg	358/122	Sept. 25, 1981
	4,528,589	July 9, 1985	Block et al	358/122	Feb. 1, 1984***
	4,536,791	Aug. 20, 1985	Campbell et al.	358/122	Mar. 31, 1981
	4,593,353	June 3, 1986	Pickholtz	364/200	Oct. 26, 1981
	4,598,288	July 1, 1986	Yarbrough et al.	340/825.34	Dec. 20, 1983***
	4,689,661	Aug. 25, 1987	Barbieri et al.	358/12	June 22, 1981
	4,752,834	June 21, 1988	Koombes	358/335	Aug. 31, 1981
	4,862,268	Aug. 29, 1989	Campbell et al.	358/141	Apr. 18, 1985***
	Re. 31,735	Nov. 13, 1984	Davidson	358/124	July 26, 1982***

\* - If pertinent

\*\*\* - Claims priority from parent application filed prior to Nov. 3, 1981

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
					YES	NO
	WO 81/02961	Oct. 15, 1981	PCT Application	H04N 7/16, 7/04	n/a	
	1 554 411	Oct. 17, 1979	Great Britain	H04b 3/54		X
	2 034 995	June 11, 1980	Great Britain	H03J 7/18, 5/00		X
	23 38 380	Feb. 13, 1975	Germany	abstract		X

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	29 18 846	Nov. 13, 1980	Germany	F26B 12/02	X	
	56-47179	Apr. 28, 1981	Japan		X	

#### OTHER DOCUMENTS

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	James, A., "ORACLE - Broadcasting the Written Word," <u>Wireless Word</u> , July 1975.
	Carne, E. Bryan, "The Wired Household," <u>IEEE Spectrum</u> , October 1979, p. 61-66.
	McKenzie, G.A., "ORACLE - An Information Broadcasting Service Using Data Transmission in the Vertical Interval," <u>Journal of the SMPTE</u> , vol. 83, Number 1, January 1974, pp. 6-10.
	Edwardson, S.M., "CEEFAX: A Proposed New Broadcasting Service," <u>Journal of the SMPTE</u> , January 1974, p. 14-19.
	J. Chiddix, "Automated Videotape Delay of Satellite Transmissions," <u>Satellite Communications Magazine</u> , May 1978 (reprint - 2 pages).
	J. Chiddix, "Tape Speed Errors in Line-Locked Videocassette Machines For CATV Applications," <u>TVC</u> , November 1977 (reprint - 2 pages).
	CRC Electronics, Inc. Product Description, "Model TD-100 - Time Delay Videotape Controller," 2 pages.
	CRC Electronics, Inc., NET PRICE LIST - March 1, 1980 (TD-100 Time Delay Videotape Controller), 1 page.
	CRC Electronics, Inc. Product Description, "Model P-1000 Videocassette Programmer," 4 pages.
	CRC Electronics, Inc., NET PRICE LIST - July 31, 1981 (P-1000 Video Machine Programmer), 1 page.
	Tunmann, E.O. et al. (Tele-Engineering Corp.), "Microprocessor For CATV Systems," <u>Cable 78 - Technical Papers</u> , National Cable Television Association 27th Annual Convention, New Orleans, LA, April 30-May 3, 1978 (" <u>Cable 78</u> "), pp. 70-75.
	Vega, Richard L. (Telecommunications Systems, Inc.), "From Satellite to Earth Station to Studio to S-T-L To MDS Transmitter To The Home; Pay Television Comes To Anchorage, Alaska," <u>Cable 78</u> , pp. 76-80.
	Wright, James B. et al. (Rockford Cablevision, Inc.), "The Rockford Two-Way Cable Project: Existing and Projected

EXAMINER	DATE CONSIDERED
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	Technology," <u>Cable 78</u> , pp. 20-28.
	Fannetti, John D. et al. (City of Syracuse), "The Urban Market: Paving the Way for Two-Way Telecommunications," <u>Cable 78</u> , pp. 29-33.
	Schnee Rolf M. et al. (Heinrich-Hertz-Institut Berlin (West)), "Technical Aspects of Two-Way CATV Systems in Germany," <u>Cable 78</u> , pp. 34-41.
	Dickinson, Robert V.C. (E-Com Corporation), "A Versatile, Low Cost System for Implementing CATV Auxiliary Services," <u>Visions '79 - Technical Papers</u> , National Cable Television Association 28th Annual Convention, Las Vegas, NV, May 20-23, 1979, ("Visions '79"), pp. 65-72.
	Evans, William E. et al. (Manitoba Telephone System), "An Intercity Coaxial Cable Electronic Highway," <u>Visions '79</u> , pp. 73-79.
	Schrock, Clifford B. (C.B. Schrock and Associates, Inc.), "Pay Per View, Security, and Energy Controls Via Cable: The Rippling River Project," <u>Visions '79</u> , pp. 80-85.
	Southworth, Glen (Colorado Video, Inc.), "Narrow-Band Video: The UPI 'Newstime' Technology," <u>Visions '79</u> , pp. 86-88.
	Daly IV, Raymond E. (Computer Cablevision, Inc.), "Potential Use of Microcomputers - The Threats to Technical Personnel, Manufacturers And Owners," <u>Visions '79</u> , pp. 124-26.
	Grabenstein, James B. (Potomac Valley Television Co., Inc.), "System Design and Operation with 'Basic'," <u>Visions '79</u> (Appendix B), p. 127.
	Amell, Richard L. (Cox Cable Communications, Inc.), "Computer-Aided CATV System Design," <u>Visions '79</u> , pp. 128-33.
	Yoshino, Hirokazu et al. (Matsushita Electric Industrial Co., Ltd.), "Multi-Information System Using Fiber Optics," <u>Visions '79</u> , pp. 134-137.
	Albright, Thomas G. (Printer Terminal Communications Corporation), "Cable Service: A Data Distribution Link," <u>Visions of the 80's - Technical Papers</u> , National Cable Television Association 29th Annual Convention, Dallas, TX, May 18-21, 1980 ("Visions of the 80's"), pp. 30-34.
	Blineau, Joseph J. (Centre Commun d'Études de Télévision et Télécommunications), "Measuring Methods and Equipments for Data Packet Broadcasting," <u>Visions of the 80's</u> , pp. 35-39.
	Katz, Harold W. (Interactive Systems/3M), "Status Report on EIA Broadband Modem Standards," <u>Visions of the 80's</u> , pp. 40-44.

EXAMINER	DATE CONSIDERED
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<b>Title: Signal Processing Apparatus and Method</b>		

EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Lopinto, John J. (Home Box Office), "Considerations for Implementing Teletext in the Cable System," <u>Visions of the 80's</u> , pp. 45-48.
	O'Brien, Jr., Thomas E. (General Instrument Corporation), "System Design Criteria of Addressable Terminals Optimized for the CATV Operator," <u>Visions of the 80's</u> , pp. 89-91.
	Ost, Clarence S. et al. (Electronic Mechanical Products Co.), "High-Security Cable Television Access System," <u>Visions of the 80's</u> , pp. 92-94.
	Bacon, John C. (Scientific-Atlanta, Inc.), "Is Scrambling the Only Way?," <u>Visions of the 80's</u> , pp. 95-98.
	Davis, Allen (Home Box Office), "Satellite Security," <u>Visions of the 80's</u> , pp. 99-100.
	Mannino, Joseph A. (Applied Date Research, Inc.), "Computer Applications in Cable Television," <u>Visions of the 80's</u> , pp. 116-17.
	Beck, Ann et al. (Manhattan Cable TV), "An Automated Programming Control System for Cable TV," <u>Visions of the 80's</u> , pp. 122-27.
	Schloss, Robert E. et al. (Omega Communications, Inc.), "Controlling Cable TV Head Ends and Generating Messages by Means of a Micro Computer," <u>Visions of the 80's</u> , pp. 136-38.
	Eissler, Charles O. (Oak Communications, Inc.), "Addressable Control," <u>Cable: '81 The Future of Communications - Technical Papers</u> , National Cable Television Association 30th Annual Convention, Los Angeles, CA, May 29-June 1, 1981 ("Cable: '81"), pp. 29-33.
	Schoeneberger, Carl F. (TOCOM, Inc.), "Addressable Terminal Control Using the Vertical Interval," <u>Cable: '81</u> , pp. 34-40.
	Stern, Joseph L. (Stern Telecommunications Corporation), "Addressable Taps," <u>Cable: '81</u> , p. 41.
	Brown, Larry C. (Pioneer Communications of America), "Addressable Control - A Big First Step Toward the Marriage of Computer, Cable, and Consumer," <u>Cable: '81</u> , pp. 42-46.
	Grabowski, Ralph E. (VISIONtec), "The Link Between the Computer and Television," <u>Cable: '81</u> , pp. 99-100.
	Ciciora, Ph.D., W.S. (Zenith Radio Corporation), "VIRTEXT & VIRDATA: Adventures in Vertical Interval Signaling," <u>Cable: '81</u> , pp. 101-04.
	Gilbert, Bill et al. (TEXSCAN Corporation), "Automatic Status Monitoring for a CATV Plant,"

EXAMINER	DATE CONSIDERED
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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Cable: '81, pp. 124-28.
	Ciciora, Walter et al., "An Introduction to Teletext and Viewdata with Comments on Compatibility," <u>IEEE Transactions on Consumer Electronics</u> , Vol. CE-25, No. 3, July 1979 ("Consumer Electronics"), pp. 235-45.
	Tanton, N.E. "UK Teletext - Evolution And Potential," <u>Consumer Electronics</u> , pp. 246-50.
	Bright, Roy D., "Prestel - The World's First Public Viewdata Service," <u>Consumer Electronics</u> , pp. 251-55.
	Bown, H.G. et al., "Telidon: A New Approach to Videotex System Design," <u>Consumer Electronics</u> , pp. 256-68.
	Chitnis, A.M. et al., "Videotex Services: Network and Terminal Alternatives," <u>Consumer Electronics</u> , pp. 269-78.
	Hedger, J. "Telesoftware: Home Computing Via Broadcast Teletext," <u>Consumer Electronics</u> , pp. 279-87.
	Crowther, G.O., "Teletext and Viewdata Systems and Their Possible Extension to Europe and USA," <u>Consumer Electronics</u> , pp. 288-94.
	Gross, William S., "Info-Text, Newspaper of the Future," <u>Consumer Electronics</u> , pp. 295-97.
	Robinson, Gary et al., "'Touch-Tone' Teletext - A Combined Teletext-Viewdata System," <u>Consumer Electronics</u> , pp. 298-303.
	O'Connor, Robert A., "Teletext Field Tests," <u>Consumer Electronics</u> , pp. 304-10.
	Blank, John, "System and Hardware Considerations of Home Terminals With Telephone Computer Access," <u>Consumer Electronics</u> , pp. 311-17.
	Plummer, Robert P. et al., "4004 Futures for Teletext and Videotex in the U.S.," <u>Consumer Electronics</u> , pp. 318-26.
	Marti, B. et al., "The Antiope Videotex System," <u>Consumer Electronics</u> , pp. 327-33.
	Frandon, P. et al., "Antiope LSI," <u>Consumer Electronics</u> , pp. 334-38.
	Crowther, G.O., "Teletext and Viewdata Costs As Applied to the U.S. Market," <u>Consumer Electronics</u> , pp. 339-44.

EXAMINER	DATE CONSIDERED
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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Mothersole, Peter L., "Teletext Signal Generation Equipment and Systems," <u>Consumer Electronics</u> , pp. 345-52.
	Harden, Brian, "Teletext/Viewdata LSI," <u>Consumer Electronics</u> , pp. 353-58.
	Swanson, E. et al., "An Integrated Serial to Parallel Converter for Teletext Application," <u>Consumer Electronics</u> , pp. 359-61.
	Neal, C. Bailey et al., "A Frequency-Domain Interpretation of Echoes and Their Effect on Teletext Data Reception," <u>Consumer Electronics</u> , pp. 362-77.
	Goyal, Shri K. et al., "Reception of Teletext Under Multipath Conditions," <u>Consumer Electronics</u> , pp. 378-92.
	Prosser, Howard F., "Set Top Adapter Considerations for Teletext," <u>Consumer Electronics</u> , pp. 393-99.
	Suzuki, Tadahiko et al., "Television Receiver Design Aspects for Employing Teletext LSI," <u>Consumer Electronics</u> , pp. 400-05.
	Baer, Ralph H., "Tele-Briefs-A Novel User-Selectable Real Time News Headline Service for Cable TV," <u>Consumer Electronics</u> , pp. 406-08.
	Sherry, L.A., "Teletext Field Trials in the United Kingdom," <u>Consumer Electronics</u> , pp. 409-23.
	Clifford, Colin, "A Universal Controller for Text Display Systems," <u>Consumer Electronics</u> , pp. 424-429.
	Barlow, "The Design of an Automatic Machine Assignment System", <u>Journal of the SMPTE</u> , July 1975, Vol. 84, p. 532-537.
	Barlow, "The Automation of Large Program Routing Switchers", <u>SMPTE Journal</u> , July 1979, Vol. 88, p. 493-497.
	Barlow, "The Computer Control of Multiple-Bus Switchers", <u>SMPTE Journal</u> , September 1976, Vol. 85, p. 720-723.
	Barlow, "The Assurance of Reliability", <u>SMPTE Journal</u> , February 1976, Vol. 85, p. 73-75.
	Barlow, "Some Features of Computer-Controlled Television Station Switchers", <u>Journal of the SMPTE</u> , March 1972, Vol. 81, p. 179-183.
	Barlow et al., "A Universal Software for Automatic Switchers", <u>SMPTE Journal</u> , October 1978, Vol. 87, p. 682-683.

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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	Butler, "PCM-Multiplexed Audio in a Large Audio Routing Switcher", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 875-877.
	Dickson et al., "An Automated Network Center", <u>Journal of the SMPTE</u> , July 1975, Vol. 84, p. 529-532.
	Edmondson et al., "NBC Switching Central", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 795-805.
	Flemming, "NBC Television Central - An Overview", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 792-795.
	Horowitz, "CBS" New-Technology Station, WBBM-T", <u>SMPTE Journal</u> , March 1978, Vol. 87, p. 141-146
	Krochmal et al., "Television Transmission Audio Facilities at NBC New York", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 814-816.
	Kubota et al., "The Videomelter", <u>SMPTE Journal</u> , November 1978, Vol. 87, p. 753-754.
	Mausler, "Video Transmission Video Facilities at NBC New York", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 811-814.
	Negri, "Hardware Interface Considerations for a Multi-Channel Television Automation System", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 869-872.
	Paganuzzi, "Communication in NBC Television Central", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 866-869.
	Roth et al., "Functional Capabilities of a Computer Control System for Television Switching", <u>SMPTE Journal</u> , October 1976, Vol. 85, p. 806-811.
	Rourke, "Television Studio Design - Signal Routing and Measurement", <u>SMPTE Journal</u> , September 1979, Vol. 88, p. 607-609.
	Yanney, Sixty-Device Remote-Control System for NBC's Television Central Project", <u>SMPTE Journal</u> , November 1976, Vol. 85, p. 873-877.
	Young et al., "Developments in Computer-Controlled Television Switches", <u>Journal of the SMPTE</u> , August 1973, Vol. 82, p. 658-661.
	Young et al., "The Automation of Small Television Stations", <u>Journal of the SMPTE</u> , Oct. 1971, Vol. 80, p. 806-811.
	Zborowski, "Automatic Transmission Systems for Television", <u>SMPTE Journal</u> , June 1978, Vol. 87, p. 383-385.
	"Landmark forms cable weather news network," EDITOR & PUBLISHER, (August 8, 1981) p. 15.

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EXAMINER INITIAL	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	“Broadcast Teletext Specification,” published jointly by British Broadcasting Corporation, Independent Broadcasting Authority, British Radio Equipment Manufacturers’ Association (September 1976), pp. 1-24.
	“Colormax Cable captioning - 16,000,000 Subs NEED It!,” Colormax Electronic Corp. (advertisement), 3 pages.
	“7609 Sat-A-Dat Decoder/Controller,” Group W Satellite Communications (advertisement) 2 pages.
	“Teletext Timing Chain Circuit (SAA5020),” (August 1978), pp. 109.
	“Teletext Video Processor (SAA 5030),” Mullard (December 1979), pp. 1-9.
	“Video Text Decoder Systems (Signetics)”, <u>Phillips IC Product Line Summary</u> (May 1981), pp. 15-16.
	“Teletext Acquisition and Control Circuit (SAA5040 Series),” Mullard (June 1980), pp. 1-16.
	“Asynchronous Data Transmission System Series 2100 VIDATA, “Wagener Communications, Inc. (advertisement), 2 pages.
	“Zenith VIRTEXTTM . . . Vertical Interval Region Text and Graphics,” Zenith Radio Corporation (flyer), 7 pages.
	Anon, “Television Network Automated By Microcomputer-Controlled Channels,” Computer Design, Vol. 15, no. 11, (Nov., 1976), pp. 50, 59, 62, 66 and 70.
	Kinik, et al., “A Network Control System For Television Distribution By Satellite,” <u>Journal of The SMPTE</u> , Feb. 1975, vo. 84, no. 2, pp. 63-67.
	Chiddix, “Videocassette Banks Automate Delayed Satellite Programming,” Aug. 1978, TV Comunications, pp. 38-39.
	Curnal, et al., “Automating Television Operating Centers,” Bell Laboratories Record, March, 1978, pp. 65 - 70.

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**PATENT**  
Docket No. 5634.223

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Inventors: John C. Harvey and James W. Cuddihy  
Serial No.: 08/460,817  
Filing Date: June 2, 1995

For: Signal Processing Apparatus and Methods

Group Art Unit: 2602

Examiner:

Assistant Commissioner of Patents  
Washington D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

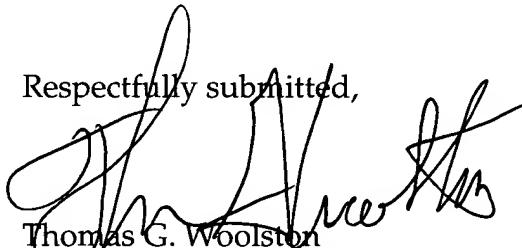
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>
08/113,329	August 30, 1993	Pending
08/056,501	May 3, 1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825

Applicants believe that all references cited on the attached PTO 1449 form were cited or submitted to the PTO in one or more of the cases cited above or in U.S. Patent Application Serial No. 06/829,531 filed February 15, 1986, now U.S. Patent No. 4,704,725, U.S. Patent Application Serial No. 06/317,510 filed November 3, 1986, now U.S. Patent No. 4,694,490 and co-pending U.S. Patent Application Serial No. 08/448,143 filed May 23, 1995. Therefore, no copies of the listed references are provided herewith. Additionally, references believed to be dated in the period from November 3, 1981 through September 11, 1987, are included in the present IDS as this application only claims priority to the September 11, 1987 filing date. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

#### CERTIFICATION AND/OR FEE

Since the IDS is being filed pursuant to 37 CFR § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office Action on the merits, no certification or fee is required.

Dated: April 4, 1996  
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<b>Information Disclosure Statement by Applicant</b>  Title: <b>Signal Processing Apparatus and Method</b>		Attorney Docket No. 5634.223	Serial No. 08/460,817
		Applicant(s) John C. Harvey and James W. Cuddihy	
		Filing Date June 2, 1995	Group 2602

### U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	3,602,891	8/31/71	Clark et al.	340/172.5	
	3,651,471	3/21/72	Haselwood et al.	340/172.5	
	3,733,431	5/15/73	Kirk, Jr., et al.	178/5.1	
	3,849,729	11/19/74	Van Baggem	325/31	
	3,906,450	9/16/75	Prado, Jr.	340/150	
	3,947,624	3/30/76	Miyake	178/6	
	3,947,972	4/6/76	Freeman	35/8 A	
	3,973,206	8/3/76	Haselwood et al.	325/455	
	3,987,397	10/19/76	Belcher et al.	325/308	
	4,048,562	9/13/77	Haselwood et al.	325/31	
	4,078,316	3/14/78	Freeman	35/8 A	
	4,081,832	3/28/78	Sherman	358/124	
	4,117,605	10/3/78	Kurland et al.	35/9 A	
	4,144,495	3/13/79	Metzger	325/4	
	4,218,698	8/19/80	Bart et al.	358/22	
	4,320,256	3/16/82	Freeman	179/6.04	
	4,338,643	7/6/82	Tadokoro	360/135	

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**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,369,333	1/18/83	Gemperle et al.	178/22.13	
	4,377,870	3/22/83	Anderson et al.	455/2	
	4,410,911	10/18/83	Field et al.	358/121	
	4,414,516	11/8/83	Howard	333/21A	
	4,420,656	12/13/83	Freeman	179/6.04	
	4,422,486	12/27/83	Maret	144/117R	
	4,429,385	1/31/84	Cichelli et al.	370/92	
	4,433,211	2/21/84	McCalmont et al.	179/1.5 S	
	4,433,379	2/21/84	Schenk et al.	364/200	
	4,443,660	4/17/84	DeLong	178/22.04	
	4,449,114	5/15/84	Fascenda et al.	340/988	
	4,450,477	5/22/84	Lovett	358/86	
	4,451,700	5/29/84	Kempner et al.	179/2 AS	
	4,454,543	6/12/84	Lund et al.	358/118	
	4,454,594	6/12/84	Heffron et al.	364/900	
	4,458,109	7/3/84	Mueller-Schloer	178/22.11	
	4,458,315	7/3/84	Uchenick	364/200	
	4,460,922	7/17/84	Ensinger et al.	358/122	

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**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,461,032	7/17/84	Skerlos	455/4	
	4,462,076	7/24/84	Smith, III	364/200	
	4,462,078	7/24/84	Ross	364/300	
	4,475,153	10/2/84	Kihara et al.	364/145	
	4,475,189	10/2/84	Herr et al.	370/62	
	4,476,573	10/9/84	Duckeck	455/45	
	4,484,027	11/20/84	Lee et al.	178/22.13	
	4,484,217	11/20/84	Block et al.	358/84	
	4,486,773	12/4/84	Okubo	358/84	
	4,488,289	12/11/84	Turner	370/60	
	4,491,945	1/1/85	Turner	370/60	
	4,494,156	1/15/85	Kadison et al.	360/48	
	4,494,230	1/15/85	Turner	370/60	
	4,503,287	3/5/85	Morris et al.	178/22.08	
	4,503,538	3/5/85	Fritz	371/28	
	4,507,680	3/26/85	Freeman	358/86	
	4,509,073	4/2/85	Baran et al.	358/86	
	4,512,011	4/16/85	Turner	370/60	

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**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,513,324	4/23/85	Poetsch et al.	358/214	
	4,520,404	5/28/85	Von Kohorn	358/335	
	4,521,806	6/4/85	Abraham	358/86	
	4,527,194	7/2/85	Sirazi	358/86	
	4,531,020	7/23/85	Wechselberger et al.	178/22.08	
	4,531,021	7/23/85	Bluestein et al.	178/22.08	
	4,532,547	7/30/85	Bennett	358/148	
	4,533,948	8/6/85	McNamara et al.	358/122	
	4,533,949	8/6/85	Fujimura et al.	358/122	
	4,535,355	8/13/85	Arn et al.	358/123	
	4,538,174	8/27/85	Gargini et al.	358/86	
	4,539,676	9/3/85	Lucas	370/60	
	4,544,963	10/1/85	Jacoby et al.	360/40	
	4,546,382	10/8/85	McKenna et al.	358/84	
	4,546,387	10/8/85	Glaab	358/186	
	4,547,804	10/15/85	Greenberg	358/142	
	4,553,252	11/12/85	Egendorf	377/15	
	4,554,418	11/19/85	Toy	179/2 DP	

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**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,558,464	12/10/85	O'Brien, Jr.	455/4	
	4,562,306	12/31/85	Chou et al.	178/22.08	
	4,562,465	12/31/85	Glaab	358/120	
	4,562,495	12/31/85	Bond et al.	360/78	
	4,566,030	1/21/86	Nickerson et al.	358/84	
	4,567,512	1/28/86	Abraham	358/86	
	4,573,072	2/25/86	Freeman	358/86	
	4,573,151	2/25/86	Jotwani	370/56	
	4,574,305	3/4/86	Campbell et al.	358/86	
	4,575,750	3/11/86	Callahan	358/86	
	4,577,289	3/18/86	Comerford et al.	364/900	
	4,580,165	4/1/86	Patton et al.	358/148	
	4,583,128	4/15/86	Anderson, Jr. et al.	358/302	
	4,584,641	4/22/86	Guglielmino	364/200	
	4,586,134	4/29/86	Norstedt	364/200	
	4,588,991	5/13/86	Atalla	340/825.31	
	4,589,064	5/13/86	Chiba et al.	364/200	
	4,590,516	5/20/86	Abraham	358/86	

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### U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,591,248	5/27/86	Freeman	352/133	
	4,591,664	5/27/86	Freeman	179/6.06	
	4,591,906	5/27/86	Morales-Garza et al.	358/84	
	4,592,546	6/3/86	Fascenda et al.	273/1 E	
	4,593,376	6/3/86	Volk	364/900	
	4,595,950	6/17/86	Löfberg	358/122	
	4,596,021	6/17/86	Carter et al.	375/5	
	4,597,058	6/24/86	Izumi et al.	364/900	
	4,598,288	7/1/86	Yarbrough et al.	340/825.34	
	4,599,611	7/8/86	Bowker et al.	340/721	
	4,599,647	7/8/86	George et al.	358/122	
	4,602,279	7/22/86	Freeman	358/86	
	4,603,232	7/29/86	Kurland et al.	179/2 AS	
	4,605,973	8/12/86	Von Kohorn	358/335	
	4,608,456	8/26/86	Paik et al.	179/1.5 S	
	4,613,901	9/23/86	Gilhousen et al.	358/122	
	4,616,263	10/7/86	Eichelberger	358/185	
	4,620,224	10/28/86	Lee et al.	358/119	

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**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,625,235	11/25/86	Watson	358/86	
	4,630,108	12/16/86	Gomersall	358/84	
	4,630,262	12/16/86	Callens et al.	370/81	
	4,634,807	1/6/87	Chorley et al.	178/22.08	
	4,634,808	1/6/87	Moerder	178/22.14	
	4,635,121	1/6/87	Hoffman et al.	358/188	
	4,638,181	1/20/87	Deiss	307/243	
	4,638,359	1/20/87	Watson	358/147	
	4,639,779	1/27/87	Greenberg	358/142	
	4,641,205	2/3/87	Beyers, Jr.	360/33.1	
	4,641,253	2/3/87	Mastran	364/328	
	4,641,307	2/3/87	Russell	370/60	
	4,646,075	2/24/87	Andrews et al.	340/747	
	4,647,964	3/3/87	Weinblatt	358/84	
	4,656,629	4/7/87	Kondoh et al.	370/85	
	4,658,093	4/14/87	Hellman	380/25	
	4,677,434	6/30/87	Fascenda	380/23	
	4,677,466	6/30/87	Lert, Jr. et al.	358/84	

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**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,677,611	6/30/87	Yanosy, Jr. et al.	370/85	
	4,680,581	7/14/87	Kozlik et al.	340/825.06	
	4,684,980	8/4/87	Rast et al.	358/86	
	4,685,056	8/4/87	Barnsdale, Jr. et al.	364/200	
	4,685,131	8/4/87	Horne	380/20	
	4,688,247	8/18/87	Davidov	380/19	
	4,689,022	8/25/87	Peers et al.	434/307	
	4,689,619	8/25/87	O'Brien, Jr.	340/825.08	
	4,692,817	9/8/87	Theis	360/12	
	4,692,819	9/8/87	Steele	360/72.1	
	4,694,491	9/15/87	Horne et al.	380/20	3/11/85
	4,695,953	9/22/87	Blair et al.	364/410	4/14/86
	4,696,034	9/22/87	Wiedemer	380/16	10/12/84
	4,697,281	9/29/87	O'Sullivan	379/59	3/14/86
	4,701,794	10/20/87	Fröling et al.	358/147	4/12/85
	4,706,121	11/10/87	Young	358/142	5/6/86
	B1 4,706,121	12/14/93	Young	358/142	5/6/86
	4,706,282	11/10/87	Knowd	380/3	12/23/85

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**Title: Signal Processing Apparatus and Method**

**U. S. Patent Documents**

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	4,707,828	11/17/87	Yamada	370/85	9/10/85
	4,709,418	11/24/87	Fox et al.	455/612	9/14/83
	4,710,955	12/1/87	Kauffman	380/10	11/25/85
	4,712,105	12/8/87	Köhler	340/825.69	4/30/85
	4,712,238	12/8/87	Gilhousen et al.	380/20	6/8/84
	4,712,239	12/8/87	Frezza et al.	380/20	6/16/86
	4,722,526	2/2/88	Tovar et al.	273/1 E	1/20/87
	4,724,491	2/9/88	Lambert	358/310	8/28/84
	4,725,886	2/16/88	Galumbeck et al.	358/147	4/21/83
	4,728,949	3/1/88	Platte et al.	340/825.37	3/23/84
	4,731,679	3/15/88	O'Gwynn et al.	360/73	9/20/84
	4,733,301	3/22/88	Wright, Jr.	358/181	6/26/87
	4,734,764	3/29/88	Pocock et al.	358/86	5/6/85
	4,737,993	4/12/88	DeVilbiss	455/180	1/21/87
	4,739,510	4/19/88	Jeffers et al.	380/15	4/2/87
	4,740,890	4/26/88	William	364/200	12/22/83
	4,745,468	5/17/88	Von Kohorn	358/84	3/10/86
	B1 4,745,468	6/11/91	Von Kohorn	358/84	3/10/86

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**U. S. Patent Documents**

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	4,745,598	5/17/88	Ulug	370/89	11/27/85
	4,747,139	5/24/88	Taaffe	380/44	10/21/86
	4,748,560	5/31/88	Kataoka	364/200	10/11/85
	4,750,036	6/7/88	Martinez	358/147	5/14/86
	4,750,213	6/7/88	Novak	455/67	6/9/86
	4,751,578	6/14/88	Reiter et al.	358/183	5/28/85
	4,751,665	6/14/88	Cappello et al.	364/748	2/24/86
	4,754,326	6/28/88	Kram et al.	364/900	10/25/83
	4,755,871	7/5/88	Morales-Garza et al.	358/84	11/25/86
	4,755,883	7/5/88	Uehira	358/335	9/11/85
	4,761,646	8/2/88	Choquet et al.	340/825.520	5/20/86
	4,763,317	8/9/88	Lehman et al.	370/58	12/13/85
	4,768,087	8/30/88	Taub et al.	358/84	6/6/85
	4,768,110	8/30/88	Dunlap et al.	360/33.1	5/6/87
	4,771,456	9/13/88	Martin et al.	380/10	11/6/86
	4,775,935	10/4/88	Yourick	364/401	9/22/86
	4,783,846	11/8/88	Wachob	455/151	6/4/87
	4,786,979	11/22/88	Claus et al.	358/335	5/22/86

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**U. S. Patent Documents**

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	4,787,063	11/22/88	Muguet	364/900	10/16/85
	4,787,085	11/22/88	Suto et al.	370/110.1	5/29/87
	4,789,863	12/6/88	Bush	340/825.350	1/13/88***
	4,792,849	12/20/88	McCalley et al.	358/86	8/4/87
	4,792,973	12/20/88	Gilhousen et al.	380/24	12/4/87***
	4,802,114	1/31/89	Sogame	364/900	12/15/86
	4,803,725	2/7/89	Horne et al.	380/44	5/14/87
	4,805,014	2/14/89	Sahara et al.	358/86	9/14/87***
	4,812,843	3/14/89	Champion, III et al.	340/905	8/11/87
	4,813,011	3/14/89	Kulakowski et al.	364/900	5/13/85
	4,815,129	3/21/89	Griffin et al.	380/15	1/2/85
	4,816,905	3/28/89	Tweedy et al.	358/86	4/30/87
	4,821,032	4/11/89	Shimada et al.	340/825.210	12/23/85
	4,821,102	4/11/89	Ichikawa et al.	358/183	7/29/87
	4,827,508	5/2/89	Shear	380/4	10/14/86
	4,829,372	5/9/89	McCalley et al.	358/86	8/20/87
	4,833,710	5/23/89	Hirashima	380/20	12/3/87***
	4,837,858	6/6/89	Ablay et al.	455/34	4/30/87

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**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,845,491	7/4/89	Fascenda et al.	340/825.44	5/15/87
	4,847,698	7/11/89	Freeman	358/343	7/16/87
	4,847,699	7/11/89	Freeman	358/343	7/16/87
	4,847,700	7/11/89	Freeman	358/343	7/16/87
	4,860,379	8/22/89	Schoeneberger et al.	455/5	10/20/88***
	4,866,706	9/12/89	Christophersen et al.	370/85.7	8/27/87
	4,868,866	9/19/89	Williams, Jr.	380/49	2/18/88***
	4,876,592	10/24/89	Von Kohorn	358/84	5/10/88***
	4,887,172	12/12/89	Steele	360/73.06	4/10/87
	4,888,796	12/19/89	Olivo, Jr.	379/101	8/31/87
	4,890,321	12/26/89	Seth-Smith et al.	380/20	9/30/88***
	4,893,248	1/9/90	Pitts et al.	364/464.01	2/6/87
	4,908,713	3/13/90	Levine	358/335	6/29/88***
	4,916,539	4/10/90	Galumbeck	358/142	3/14/89***
	4,926,255	5/15/90	Von Kohorn	358/84	5/10/88***
	4,941,040	7/10/90	Pocock et al.	358/86	2/10/88***
	4,963,994	10/16/90	Levine	358/335	2/23/90***
	4,969,209	11/6/90	Schwob	455/158	6/29/88***

Examiner	Date Considered
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<b>Information Disclosure Statement by Applicant</b>		Attorney Docket No. 5634.223	Serial No. 08/460,817
Applicant(s) John C. Harvey and James W. Cuddihy			
Title: <b>Signal Processing Apparatus and Method</b>		Filing Date June 2, 1995	Group 2602

**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	4,974,252	11/27/90	Osborne	379/92	10/4/88***
	4,977,594	12/11/90	Shear	380/4	2/16/89***
	5,010,571	4/23/91	Katznelson	380/4	9/10/86
	5,034,807	7/23/91	Von Kohorn	358/84	10/19/89***
	5,036,537	7/30/91	Jeffers et al.	380/20	4/3/87
	5,045,848	9/3/91	Fascenda	340/825.26	9/29/87***
	5,050,213	9/17/91	Shear	380/25	8/6/90***
	5,057,915	10/15/91	Von Kohorn	358/84	10/25/90***
	5,060,140	10/22/91	Brown et al.	364/200	1/16/86
	5,083,271	1/21/92	Thacher et al.	364/411	8/3/88***
	5,089,885	2/18/92	Clark	358/86	8/1/88***
	5,128,752	7/7/92	Von Kohorn	358/84	10/25/90***
	5,140,419	8/18/92	Galumbeck et al.	358/142	12/21/89***
	5,144,663	9/1/92	Kudelski et al.	380/16	11/13/90***
	5,152,011	9/29/92	Schwob	455/158.5	6/19/90***
	5,152,012	9/29/92	Schwob	455/158.5	4/27/90***
	5,172,111	12/15/92	Olivo, Jr.	340/825.31	12/18/89***
	5,177,604	1/5/93	Martinez	358/86	6/3/88***

Examiner	Date Considered
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### U. S. Patent Documents

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	5,191,410	3/2/93	McCalley et al.	358/86	2/5/91***
	5,195,092	3/16/93	Wilson et al.	370/94.2	8/30/91***
	5,208,665	5/4/93	McCalley et al.	358/86	2/15/91***
	5,216,552	6/1/93	Dunlap et al.	360/33.1	8/30/88***
	5,227,874	7/13/93	Von Kohorn	358/84	10/15/91***
	5,283,734	2/1/94	Von Kohorn	364/412	9/19/91***
	D302,178	7/11/89	King	D20/1	11/28/86
	Re. 32,835	1/17/89	Howard	333/21 A	11/6/85
	Re. 33,662	8/13/91	Blair et al.	364/410	9/21/89***
	Re. 34,034	8/18/92	O'Sullivan	379/59	9/29/89***

\*- If pertinent

\*\*\*- Claims priority from parent application filed prior to Sep. 11, 1987.

### Foreign Patent Documents

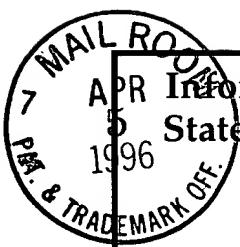
Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation	
					Yes	No
	0 055 674	7/7/82	European Patent Appl.	H04L 11/20		X

Examiner	Date Considered
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	0 103 438 A1	3/21/84	European Patent Appl.	H04N 7/10		X
	0 128 481 A2	12/19/84	European Patent Appl.	H04N 7/00		X
	0 152 251	8/21/85	European Patent Appl.	H04H 1/02		X
	0 206 821	12/30/86	European Patent Appl.	H04N 7/00		X
	0 217 308 A2	4/8/87	European Patent Appl.	H04M 11/00		X
	2 126 002 A	3/14/84	Great Britain	G11B 15/02 H04N 7/00		X
	2 185 670 A	7/22/87	Great Britain	H04N 7/087		X
	59-160387	9/11/84	Japan	H04N 7/10	X	
	60-256289	12/17/85	Japan	H04N 7/173	X	
	61-148988	7/7/86	Japan	H04N 7/173	X	
	DE 3337204 A1	4/25/85	German	H04N 5/44	X	
	WO 85/03830	8/29/85	PCT Appl.	H04N 7/16 H04K 1/04		X
	WO 87/04884	8/13/87	PCT Appl.	H04M 11/08 H04M 15/00		X

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Title: Signal Processing Apparatus and Method		Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Baran, Paul (PACKETCABLE INC.), "PACKETCABLE: A New Interactive Cable System Technology," <u>CABLE '82 - Technical Papers</u> , National Cable Television Association 31st Annual Convention, Las Vegas, NV, May 3-5, 1982 ("CABLE '82), pp. 1-6.
	Tunmann, Ernest O. (TELE-ENGINEERING CORPORATION), "TWO-WAY CABLE TV TECHNOLOGIES," <u>CABLE '82</u> , pp. 7-15.
	Dickinson, Robert V.C. (E-COM CORPORATION), "Carriage of Multiple One-Way and Interactive Service on CATV Networks," <u>CABLE '82</u> , pp. 16-21.
	McNamara, R.P. et al. (Sytek, Incorporated), "MetroNet: An Overview of a CATV Regional Data Network," <u>CABLE '82</u> , pp. 22-31.
	Eissler, Charles (Oak Communications Systems), "Addressable Control for the Small System," <u>CABLE '82</u> , pp. 32-36.
	Mesiya, M.F. et al. (Times Fiber Communications, Inc.), "Mini-Hub Addressable Distribution System for Hi-Rise Application," <u>CABLE '82</u> , pp. 37-42.
	Thomas, William L. (Zenith Radio Corporation), "Full Field Tiered Addressable Teletext," <u>CABLE '82</u> , pp. 44-46.
	Langley, Don et al. (University of Cincinnati and Rice-Richter Associates), "Interactive Split Screen Teleconferencing," <u>CABLE '82</u> , pp. 47-50.
	Klare, Stephen W. (Scientific - Atlanta), "Bandwidth-Efficient, High-Speed Modems for Cable Systems," <u>CABLE '82</u> , pp. 72-78.
	Jubert, Jay (Wang Laboratories, Inc.), "Wangnet, A Cable-Based Localnet," <u>CABLE '82</u> , pp. 79-81.
	Switzer, I. (Cable America, Inc.), "Cable TV Advances and TV Receiver Compatibility Problems," <u>CABLE '82</u> , pp. 114-118.

Examiner	Date Considered

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Skrobko, John (Scientific-Atlanta Incorporated), "Improving CATV System Reliability with Automatic Status Monitoring and Bridger Switching," <u>CABLE '82</u> , pp. 133-137.
	Dahlquist, John (Jerrold Division, General Instrument Corporation), "Techniques for Improving Continuity of Service in a CATV Distribution System," ABSTRACT, <u>CABLE '82</u> , p. 138
	Polishuk, Paul Dr. (Information Gatekeepers, Inc.) "Present Status of Fiber Optics Technology and its Impact on the CATV Industry," <u>CABLE '82</u> , pp. 142-147.
	Dufresne, Michel (Videotron Communications LTEE), "New Services: An Integrated Cable Networks's Approach," <u>CABLE '82</u> , pp. 156-160.
	Stanton, Gary W. (Southern Satellite Systems), "Downloading and Addressing via Teletext," <u>CABLE '82</u> , pp. 161-165.
	Goldberg, Efrem I. (GTE Laboratories Incorporated), "Videotex on Two-Way Cable Television Systems - Some Technical Considerations," <u>CABLE '82</u> , pp. 166-174.
	Noirel, Yves (CCETT/Rennes, France), "Abstract of paper entitled Data Broadcasting: "DIDON" and "DIODE" Protocols," <u>CABLE '82</u> , pp. 175-179.
	von Meister, William F. (Digital Music Company), "The Home Music Store," <u>CABLE '82</u> , pp. 180-182.
	Brown, Jr., Robert R. (Cima Telephone and Television), "Inter Bridger Trunking for Information Services," <u>CABLE '82</u> , pp. 183-189.
	Alvord, Charles, Dr. (Communications Technology Management, Inc.), "Creating Standards for Interconnect Systems," <u>CABLE '82</u> , pp. 190-196.
	Schrock, Clifford B. (Cable Bus Systems Corporation), "Can Noise and Ingress Coexist with Two-Way Services?," <u>CABLE '82</u> , pp. 205-209.

Examiner	Date Considered
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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	The Weather Channel, "The Weather STAR Satellite Transponder Addressable Receiver," Operation/Installation Manual, Rev. 01.5/82.
	Lafayette, Jon, "TV ad monitor system starts tests here Mon.," <u>New York Post</u> , Oct. 18, 1985, p. 63.
	Jones, Stacy V., "Patents/Monitoring Display of TV Ads," <u>The New York Times</u> , Oct. 19, 1985, p. 34.
	Remley, F.M., "Television Technology," <u>SMPTE Journal</u> , May 1982, pp. 458-462.
	Proposed American National Standard, "Electrical and Mechanical Characteristics for Digital Control Interface," <u>SMPTE Journal</u> , September 1982, pp. 888-897.
	Zaludek, Jerry P., "Videotape - Past, Present, and Future," <u>SMPTE Journal</u> , April 1982, pp. 356-360.
	Kary, Michael Loran, "Video-Assisted Film Editing System," <u>SMPTE Journal</u> , June 1982, pp. 547-551.
	Glover, S. "Automatic Switching at the Edmonton Television Studios," <u>SMPTE Journal</u> , November 1966, Vol. 75, pp. 1089-1092.
	Barlow, M.W.S., "The Remote Control of Multiplexed Telecine Chains," <u>SMPTE Journal</u> , April 1971, Vol. 80, pp. 270-275.
	Campbell, Keith D., "An Automated Video-Tape Editing System," <u>Journal of the SMPTE</u> , March 1970, Vol. 79, pp. 191-194.
	Bonney, R.B. et al., "A Proposed Standard Time and Control Code for Video-Tape Editing," <u>Journal of the SMPTE</u> , March 1970, Vol. 79, pp. 186-190.
	Barlow, M., Letter to the Editor, "Re: Coding and Packaging Film for Broadcasting," <u>Journal of the SMPTE</u> , October 1969, Vol. 78, p. 889.

Examiner	Date Considered
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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Barlow, M., Letter to the Editor, "Re: Automation of Telecine Equipment," <u>Journal of the SMPTE</u> , April 1970, Vol. 79, pp. 345-346.
	Matley, J. Brian, "A Digital Framestore Synchronizer," <u>SMPTE Journal</u> , June 1976, Vol. 85, pp. 385-388.
	Connolly, W.G. et al., "The Electronic Still Store: A Digital System for the Storage and Display of Still Pictures," <u>SMPTE Journal</u> , August 1976, Vol. 85, pp. 609-613.
	Sadashige, K., "Overview of Time-Base Correction Techniques and Their Applications," <u>SMPTE Journal</u> , October 1976, Vol. 85, pp. 787-791.
	Siocos, C.A., "Satellite Technical and Operational Committee - Television (STOC-TV) Guidelines for Waveform Graticules," <u>SMPTE Journal</u> , November 1976, Vol. 85, pp. 878-879.
	"Index to Subjects - January-December 1976 • Volume 85," 1976 Index to SMPTE Journal, <u>SMPTE Journal</u> , Vol. 85, pp. I-5 to I-13, I-15.
	Rodgers, Richard W., "Design Considerations for a Transmission and Distribution System for SMPTE Time-Code Signals," <u>SMPTE Journal</u> , February 1977, Vol. 86, pp. 69-70.
	Allan, J.J., III, et al., "A Computer-Controlled Super-8 Projector," <u>SMPTE Journal</u> , July 1977, Vol. 86, pp. 488-489.
	"Index to Subjects - January-December 1977 • Volume 86," 1977 Index to SMPTE Journal, <u>SMPTE Journal</u> , Vol. 86, pp. I-5 to I-14.
	Hamalainen, K.J., "Videotape Editing Systems Using Microprocessors," <u>SMPTE Journal</u> , June 1978, Vol. 87, pp. 379-382.
	McCoy, Reginald F.H., "A New Digital Video Special-Effects Equipment," <u>SMPTE Journal</u> , January 1978, Vol. 87, pp. 20-23.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Leonard, Eugene, "Considerations Regarding the Use of Digital Data to Generate Video Backgrounds," <u>SMPTE Journal</u> , August 1978, Vol. 87, pp. 499-504.
	Swetland, George R., "Applying the SMPTE Time and Control Code to Television Audio Post Production," <u>SMPTE Journal</u> , August 1978, Vol. 87, pp. 508-512.
	Moore, J.K., et al., "A Recent Innovation in Digital Special Effects, The CBS 'Action Track' System," <u>SMPTE Journal</u> , October 1978, Vol. 87, pp. 673-676.
	Connolly, William G., "Videotape Program Production at CBS Studio Center," <u>SMPTE Journal</u> , November 1978, Vol. 87, pp. 761-763.
	Nicholls, William C., "A New Edit Room Using One-Inch Continuous-Field Helical VTRs," <u>SMPTE Journal</u> , November 1978, Vol. 87, pp. 764-766.
	"Index to Volume 87 January-December 1978," <u>SMPTE Journal</u> , Part II to January 1979 <u>SMPTE Journal</u> , pp. I-1, I-4 to I-14.
	Wetmore, R. Evans, "System Performance Objectives and Acceptance Testing of the Public Television Satellite Interconnection System," <u>SMPTE Journal</u> , February 1979, Vol. 88, pp. 101-111.
	Bates, George W., "Cut/Lap: A New Method for Programmable Fades and Soft Edit Transitions Using a Single Source VTR," <u>SMPTE Journal</u> , March 1979, Vol. 88, pp. 160-161.
	Douglas, W. Gordon, "PBS Satellite Interconnection Technical Operations and Maintenance," <u>SMPTE Journal</u> , March 1979, Vol. 88, pp. 162-163.
	Oliphant, Andrew et al., "A Digital Telecine Processing Channel," <u>SMPTE Journal</u> , July 1979, Vol. 88, pp. 474-483.
	Bates, George W. et al., "Time Code Error Correction Utilizing a Microprocessor," <u>SMPTE Journal</u> , October 1979, Vol. 88, pp. 712-715.

Examiner	Date Considered
<b>Examiner:</b> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Geise, Heinz-Dieter, "The Use of Microcomputers and Microprocessors in Modern VTR Control," <u>SMPTE Journal</u> , December 1979, Vol. 88, pp. 831-834.
	"Index to Subjects - January-December 1979 • Volume 88," 1979 Index to SMPTE Journal, <u>SMPTE Journal</u> , Vol. 88, pp. I-4 to I-10.
	"Advanced Transmission Techniques," <u>SMPTE Journal</u> , Report on the 121st Technical Conference, January 1980, Vol. 89, pp. 31-32.
	"Anderson: Progress Committee Report for 1979 - Television," <u>SMPTE Journal</u> , May 1980, Vol. 89, pp. 324-328.
	<u>SMPTE Journal</u> , May 1980, Vol. 89, p. 391, no title.
	"The TCR-119 Reader," Gray Engineering Laboratories, <u>SMPTE Journal</u> , May 1980, Vol. 89, p. 438, (advertisement).
	Hopkins, Robert S., Jr., "Report of the Committee on New Technology," <u>SMPTE Journal</u> , June 1980, Vol. 89, pp. 449-450.
	Limb, J.O. et al., "An Interframe Coding Technique for Broadcast Television," <u>SMPTE Journal</u> , June 1980, Vol. 89, p. 451.
	"Preliminary List of Papers," <u>SMPTE Journal</u> , September 1980, Vol. 89, p. 677.
	Davis, John T., "Automation of a Production Switching System," <u>SMPTE Journal</u> , October 1980, Vol. 89, pp. 725-727.
	"Video Tape Recording Glossary," <u>SMPTE Journal</u> , October 1980, Vol. 89, p. 733.
	Advertisement, "CTVM 3 series of Barco master control color monitors", "Barco TV Modulator, Model VSBM 1/S", "VICMACS Type 1724 Vertical Interval Machine Control System", "Videotape Editing Controllers by US JVC Corp., RM-70U, RM-82U, RM-88U", <u>SMPTE Journal</u> , October 1980, Vol. 89, p. 820 et seq.

Examiner	Date Considered
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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Ciciora, Walter, "Teletext Systems: Considering the Prospective User," <u>SMPTE Journal</u> , November 1980, Vol. 89, pp. 846-849.
	Hathaway, R.A. et al., "Development and Design of the Ampex Auto Scan Tracking (AST) System," <u>SMPTE Journal</u> , December 1980, Vol. 89, p. 931.
	Connor, Denis J., "Network Distribution of Digital Television Signals," <u>SMPTE Journal</u> , December 1980, Vol. 89, pp. 935-938.
	"Index to Subjects - January-December 1980 • Volume 89," 1980 Index to SMPTE Journal, <u>SMPTE Journal</u> , pp. I-5 to I-11.
	"Index to SMPTE-Sponsored American National Standards, Society Recommended Practices, and Engineering Committee Recommendations," 1980 Index to SMPTE Journal, <u>SMPTE Journal</u> , pp. I-15 to I-20.
	Table of Contents, <u>SMPTE Journal</u> , February 1981, Vol. 90, Number 2, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , March 1981, Vol. 90, Number 3, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , April 1981, Vol. 90, Number 4, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , May 1981, Vol. 90, Number 5, 1 page.
	"Television," <u>SMPTE Journal</u> , May 1981, pp. 375-379.
	Table of Contents, <u>SMPTE Journal</u> , January 1981, Vol. 90, Number 1, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , June 1981, Vol. 90, Number 6, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , July 1981, Vol. 90, Number 7, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , August 1981, Vol. 90, Number 8, 1 page.

Examiner	Date Considered
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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"American National Standard" "time and control code for video and audio tape for 525-line/60-field television systems," <u>SMPTE Journal</u> , August 1981, pp. 716-717.
	Table of Contents, <u>SMPTE Journal</u> , September 1981, Vol. 90, Number 9, 1 page.
	"Proposed SMPTE Recommended Practice" "Vertical Interval Time and Control Code for Video Tape for 525-Line/60-Field Television Systems," <u>SMPTE Journal</u> , September 1981, pp. 800-801.
	Table of Contents, <u>SMPTE Journal</u> , October 1981, Vol. 90, Number 10, 1 page.
	Kaufman, Paul A. et al., "The Du Art Frame Count Cueing System," <u>SMPTE Journal</u> , October 1981, pp. 979-981.
	"American National Standard" "dimensions of video, audio and tracking control records on 2-in video magnetic tape quadruplex recorded at 15 and 7.5 in/s," <u>SMPTE Journal</u> , October 1981, pp. 988-989.
	Table of Contents, <u>SMPTE Journal</u> , November 1981, Vol. 90, Number 11, 1 page.
	Table of Contents, <u>SMPTE Journal</u> , December 1981, Vol. 90, Number 12, 1 page.
	Powers, Kerns H., "A Hierarchy of Digital Standards for Teleproduction in the Year 2001," <u>SMPTE Journal</u> , December 1981, pp. 1150-1151.
	"Application of Direct Broadcast Satellite Corporation for a Direct Broadcast Satellite System," Before the Federal Communications Commission, Washington, D.C., Gen. Docket No. 80-603, July 16, 1981.
	Rice, Michael, "Toward Enhancing the Social Benefits of Electronic Publishing," Report of an Aspen Institute Planning Meeting, <u>Communications and Society Forum Report</u> , February 25-26, 1987.

Examiner	Date Considered
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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Rice, Michael, "Toward Improved Computer Software for Education and Entertainment in the Home," Report of an Aspen Institute Planning Meeting, <u>Communications and Society Forum Report</u> , June 3-4, 1987.
	Gano, Steve, "Teaching 'real world' systems," 1 page, 1987.
	Pollack, Andrew, "Putting 25,000 Pages on a CD," <u>New York Times</u> , 1 page, March 4, 1987.
	Gano, Steve, "A Draft of a Request for Proposals Concerning the Adoption of Computer Technology in the Home," January 1988, DRAFT © 1987 Steve Gano.
	COMSAT, "Communications Satellite Corporation Magazine," Number 7, 1982.
	COMSAT, "Satellite to Home Pay Television," no date.
	COMSAT, "Annual Report 1981."
	"Comsat's STC: Poised for blastoff into TV's space frontier," <u>Broadcasting</u> , Feb. 22, 1982, pp. 38-45.
	Taylor, John P., "Comsat bid to FCC for DBS authorization: Questions of finances, 'localism,' monopoly," <u>Television/Radio Age</u> , May 4, 1981, pp. 42-44 and 80-81.
	Taylor, John P., "Fourteen DBS authorization applications to FCC differ greatly in both structure and operations," <u>Television/Radio Age</u> , Oct. 5, 1981, pp. 40-42 and 116-119.
	Taylor, John P., "Comsat bid to FCC for DBS authorization: Is direct broadcasting the wave of the future?", <u>Television/Radio Age</u> , Mar. 23, 1981, pp. A-22-24 and A-26 and A-28-31.
	"At Sequent Computer, One Size Fits All," <u>Business Week</u> , Sep. 17, 1984, 1 page.
	Hayashi, Alden M., "Can Logic Automation model its way to success?", <u>Electronic Business</u> , Aug. 1, 1986, 1 page.

Examiner	Date Considered
<b>Examiner:</b> Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Imager monitors the bloodstream," <u>High Technology</u> , March 1987, 1 page.
	Merritt, Christopher R.B., M.D., "Doppler blood flow imaging: integrating flow with tissue data," <u>Diagnostic Imaging</u> , November 1986, pp. 146-155.
	Eisenhammer, John, "Will Europe's Satellite TV Achieve Lift-Off?", <u>Business</u> , Aug. 1986, pp. 56-60.
	Hayes, Thomas C., "New M.C.C. Chief's Strategy: To Speed Payoff on Research," <u>The New York Times</u> , Jun. 24, 1987, 2 pages.
	Collins, Glenn, "For Many, a Vast Wasteland Has Become a Brave New World," <u>New York Times</u> , no date, 2 pages.
	Gleick, James, "U.S. Is Lagging on Forecasting World Weather," <u>The New York Times</u> , Feb. 15, 1987, 2 pages.
	Browning, E.S., "Sony's Perseverance Helped It Win Market For Mini-CD Players," <u>Wall Street Journal</u> , Feb. 27, 1986, 2 pages.
	Dragutsky, Paula, "Data in the bank is booming biz," <u>New York Post</u> , Apr. 29, 1985, 1 page.
	Wayne, Leslie, "Dismantling the Innovative D.R.I.," <u>The New York Times</u> , Dec. 16, 1984, 2 pages.
	Sanger, David E., "A Computer Full of Surprises," <u>The New York Times</u> , May 8, 1987, 2 pages.
	Hoffman, Paul, "The Next Leap In Computers," <u>The New York Times Magazine</u> , Dec. 7, 1986, 6 pages.
	Taylor, Thayer C., "Laptops and the Sales Force: New Stars in the Sky," pp. 81-84.

Examiner	Date Considered
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<b>Title: Signal Processing Apparatus and Method</b>		

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Parker, Edwin B., "Satellite micro earth stations - a small investment with big returns," <u>Data Communications</u> , Jan. 1983, 5 pages.
	"Micro Key System," Video Associates Labs, product description.
	"SMPTE Journal Five-Year Index 1971-1975," <u>SMPTE Journal</u> .
	"SMPTE Journal Five-Year Index 1976-1980," <u>SMPTE Journal</u> .
	"SMPTE Journal Five-Year Index 1981-1985," <u>SMPTE Journal</u> , Vol. 95, No. 1, January 1986.
	"SMPTE Journal Five-Year Index 1986-1990," <u>SMPTE Journal</u> , Vol. 100, No. 1, January 1991.
	"Annual Index 1982," <u>SMPTE Journal</u> , Vol. 91, January-December 1982, pp. 1253-1263.
	"Highlights, SMPTE, The 124th SMPTE Conference," <u>SMPTE Journal</u> , January 1983, p. 3.
	<u>SMPTE Journal</u> , January 1983, pp. 64, 69-70, 87-90, 92-98.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , February 1983, p. 163.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , March 1983, p. 267.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , April 1983, p. 355.
	Thomas, L. Merle, "Television," <u>SMPTE Journal</u> , April 1983, pp. 407-410.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , May 1983, p. 547.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , June 1983, p. 627.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , July 1983, p. 715.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , August 1983, p. 803.

Examiner	Date Considered
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<b>Title: Signal Processing Apparatus and Method</b>		Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Tooms, Michael S. et al., "The Evolution of a Comprehensive Computer Support System for the Television Operation," <u>SMPTE Journal</u> , August 1983, pp. 824-833.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , September 1983, p. 907.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , October 1983, p. 1027.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , November 1983, p. 1173.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , December 1983, p. 1269.
	"Index to Subjects - January-December, 1983 • Volume 92," Annual Index 1983, <u>SMPTE Journal</u> , pp. 1385-1391.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , January 1984, p. 3.
	"Index to Subjects - January-December, 1984 • Volume 93," Annual Index 1984, <u>SMPTE Journal</u> , pp. 1211-1217.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , January 1985, p. 3.
	Barlow, Michael W.S., "Application of Personal Computers in Engineering," <u>SMPTE Journal</u> , Jan. 1985, pp. 27-30.
	"Television Systems and Broadcast Technology," <u>SMPTE Journal</u> , Jan. 1985, pp. 172-175.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , February 1985, p. 181.
	Day, Alexander G., "From Studio to Home - How Good is the Electronic Highway?", <u>SMPTE Journal</u> , Feb. 1985, pp. 216-217.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , March 1985, p. 265.
	"Proposed SMPTE Recommended Practice, Storage of Edit Decision Lists on 8-in. Flexible Diskette Media," <u>SMPTE Journal</u> , March 1985, pp. 353-354.

Examiner	Date Considered
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Filing Date June 2, 1995		Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	McCroskey, Donald C., "Television," <u>SMPTE Journal</u> , April 1985, pp. 382-395.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , April 1985, p. 361.
	<u>SMPTE Journal</u> , April 1985, pp. 366-368, 473-478.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , May 1985, p. 545.
	Morii, Yutaka, et al., "A New Master Control System for NHK's Local Stations," <u>SMPTE Journal</u> , May 1985, pp. 559-564.
	Kuca, Jay, et al., "A Fifth-Generation Routing Switcher Control System," <u>SMPTE Journal</u> , May 1985, pp. 566-571.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , June 1985, p. 641.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , July 1985, p. 721.
	Busby, E.S., "Digital Component Television Made Simple," <u>SMPTE Journal</u> , July 1985, pp. 759-762.
	"Highlights, SMPTE," <u>SMPTE Journal</u> , August 1985, p. 801.
	Rayner, Bruce, "High-Level Switcher Interface Improves Editing Techniques," <u>SMPTE Journal</u> , August 1985, pp. 810-813.
	Hayes, Donald R., "Vertical-Interval Encoding for the Recordable Laser Videodisc," <u>SMPTE Journal</u> , August 1985, pp. 814-820.
	"SMPTE Recommended Practice, Video Record Parameters for 1-in Type C Helical-Scan Video Tape Recording," <u>SMPTE Journal</u> , August 1985, pp. 872-873.
	"Proposed SMPTE Recommended Practice, Time and Control Codes for 24, 25, or 30 Frame-Per-Second Motion-Picture Systems," <u>SMPTE Journal</u> , August 1985, pp. 874-876.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Proposed SMPTE Recommended Practice, Data Tracks on Low-Dispersion Magnetic Coatings on 35-mm Motion-Picture Film," <u>SMPTE Journal</u> , August 1985, pp. 877-878.
	"Highlights," <u>SMPTE Journal</u> , September 1985, p. 881.
	"Proposed SMPTE Recommended Practice, Control Message Architecture," <u>SMPTE Journal</u> , September 1985, pp. 990-991.
	"Proposed SMPTE Recommended Practice, TRIBUTARY INTERCONNECTION," <u>SMPTE Journal</u> , September 1985, pp. 992-995.
	"Highlights," <u>SMPTE Journal</u> , October 1985, p. 1001.
	Zimmerman, Frank, "Hybrid Circuit Construction for Routing Switchers," <u>SMPTE Journal</u> , October 1985, pp. 1015-1019.
	"Highlights," <u>SMPTE Journal</u> , November 1985, p. 1155.
	Sabatier, J., et al., "The D2-MAC-Packet System for All Transmission Channels," <u>SMPTE Journal</u> , November 1985, pp. 1173-1179.
	"Highlights," <u>SMPTE Journal</u> , December 1985, p. 1243.
	Shiraishi, Yuma, "History of Home Videotape Recorder Development," <u>SMPTE Journal</u> , December 1985, pp. 1257-1263.
	"Index to Subjects - January-December 1985 • Volume 94," Annual Index 1985, <u>SMPTE Journal</u> , pp. 1351-1357.
	"Highlights," <u>SMPTE Journal</u> , January 1986, p. 3.
	"Proposed American National Standard for component digital video recording - 19-mm type D-1 cassette - tape cassette," <u>SMPTE Journal</u> , March 1986, pp. 362-363.

Examiner	Date Considered
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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Index to SMPTE-Sponsored American National Standards and Society Recommended Practices and Engineering Guidelines," <u>SMPTE Journal</u> , Annual Index 1987, pp. 1258, 1260-1262.
	Rice, Philip, et al., "Development of the First Optical Videodisc," <u>SMPTE Journal</u> , March 1982, pp. 277-284.
	Kubota, Yasuo, "The VIDEOMELTER," <u>SMPTE Journal</u> , Vol. 87, November 1978, pp. 753-754.
	"USTV Direct Satellite to Home Television Service," General Instrument News Release, Aug. 1982.
	"Second Senior Executive Conference on Productivity Improvement," SALT, Society for Applied Learning Technology, December 4-6, 1986.
	"New Publications for 1987 from The Videodisc Monitor," advertisement, 2 pages.
	"The Videodisc Monitor," Vol. IV: Number 10, Oct. 1986.
	"The Videodisc Monitor," Vol. IV: Number 12, Dec. 1986.
	Smith, Charles C., "Computer Update" "Program Notes," <u>TWA Ambassador</u> , Sep. 1982, pp. 74-90.
	Harrar, George, "Opening Information Floodgates," <u>American Way</u> , Oct. 1982, pp. 53-56.
	"Publishers Go Electronic," <u>Business Week</u> , Jun. 11, 1984, pp. 84-97.
	"Serious Software Helps the Home Computer Grow Up," <u>Business Week</u> , Jun. 11, 1984, pp. 114-118.
	"Videoconferencing: No Longer Just a Sideshow," <u>Business Week</u> , Nov. 12, 1984, pp. 116-120.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"RATINGS WAR," <u>Forbes</u> , Aug. 1, 1983, 1 page.
	Kindel, Stephen, "Pictures at an exhibition," <u>Forbes</u> , Aug. 1, 1983, pp. 137-139.
	"Merrill Lynch and IBM Form Joint Venture To Market Financial Data Systems and Services," News Release, Mar. 1984, 2 pages.
	Branch, Charles, "Text Over Video," <u>PC World</u> , Dec. 1983, pp. 202-210.
	"Window on the World" "The Home Information Revolution," <u>Business Week</u> , Jun. 29, 1981, pp. 74-83.
	"Correspondence School Via Computer Is Planned," <u>The New York Times</u> , Sep. 13, 1983, 1 page.
	"'SMART' Digital TV Sets May Replace The Boob Tube," <u>Business Week</u> , Sep. 26, 1983, p. 160, 2 pages.
	"Round Two For Home Computer Makers," <u>Business Week</u> , Sep. 19, 1983, pp. 93-95.
	"High Technology," <u>Business Week</u> , Jan. 11, 1982, pp. 74-79.
	Kneale, Dennis, "Stations That Show Only Ads Attract a Lot of TV Watchers," <u>The Wall Street Journal</u> , Sep. 23, 1982, 1 page.
	"Video Kitchen" "Commercial Prospects For Food Data-Base Management," Prospectus for a Multiclient Study from American Information Exchange, 1982.
	I/NET CORPORATION, Company Brochure.
	Diamond, David, "Why Television's Business Programs Haven't Turned a Profit," <u>The New York Times</u> , Jun. 16, 1985, pp. F10-F11.

Examiner	Date Considered
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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Tagliabue, John, "ITT's Key West German Unit," <u>The New York Times</u> , Apr. 29, 1985, p. D8.
	Tagliaferro, John, "TAG LINES," 1982, 1 page.
	"PBS Project With Merrill," newsarticle, April 4, 1983.
	"Merrill Lynch sinks \$4M into FNN's Data Cast service," <u>Cable Vision</u> , March 11, 1985, p. 23.
	"Merrill Lynch bullish on new data service," <u>Electronic Media</u> , February 28, 1985, p. 4.
	"Merrill Lynch Plans Stock-Quote Service Linked to IBM's PC," <u>The Wall Street Journal</u> , March 21, 1984, p. 60.
	Sanger, David E., "Public TV Joins Venture to Send Finance Data to Computer Users," <u>The New York Times</u> , February 21, 1985, pp. 1 and D8.
	Dolnick, Edward, "Inventing The Future," <u>The New York Times Magazine</u> , August 23, 1987.
	"Everything you've always wanted to know about TV RATINGS," A.C. Nielsen Company, brochure, 1978.
	"Management With The Nielsen Retail Index System," A.C. Nielsen Company, 1980.
	Pollack, Andrew, "Computer Programs as University Teachers," <u>The New York Times</u> , 4 pages.
	"Business Television" "Changing the Way America Does Business," PSN, 1986.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Merrell, Richard G., "TAC-TIMER," <u>1986 NCTA Technical Papers</u> , 1986, pp. 203-206.
	"Universal Remote Control," Radio Shack, Owner's Manual, 4 pages.
	Long, Michael E., "The VCR Interface," <u>1986 NCTA Technical Papers</u> , 1986, pp. 197-202.
	"Flexible programmieren mit VPS," <u>Funkschau</u> , (German publication), 1985. (translation provided).
	Chase, Scott, "Corporate Satellite Networks No Longer A Luxury But Rather A Necessity," <u>Via Satellite</u> , July 1987, pp. 18-21.
	Diamond, Sam, "Turning Television Into A Business Tool," <u>High Technology</u> , April 1987, 2 pages.
	"The Portable PLUS Personal Computer," Hewlett-Packard, advertisement, March 1986.
	"The Portable PLUS for Professionals In Motion," Hewlett-Packard, advertisement, July 1985.
	"KBTV Kodak Business TeleVision," Kodak, brochure, Sep. 1987.
	"Broadway Video," Brochure, Feb. 1987.
	"Digital TV set to burst on U.S. mart," <u>New York Post</u> , 2 pages.
	Prospectus, VIKONICS, Inc., Jul. 14, 1987.
	Prospectus, DIGITEXT, Inc., Feb. 27, 1986.

Examiner	Date Considered
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	Filing Date June 2, 1995	

**Title: Signal Processing Apparatus and Method**

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Prospectus, Color Systems Technology, Inc., Aug. 13, 1986.
	Prospectus, Cheyenne Software, Inc., Oct. 3, 1985.
	1986 Annual Report, The Allen Group Inc.
	Wilson, Donald H., "A Process For Creating A National Legal Computer Research Service In The United States," remarks at the conference on <u>World Peace Through World Law</u> and <u>World Assembly of Judges</u> , Belgrade, Yugoslavia, Jul. 23, 1971.
	Pollack, Andrew, "Teletext is Ready for Debut," <u>The New York Times</u> , Feb. 18, 1983, 2 pages.
	"Sunny Outlook for Landmark's John Wynne; Landmark Communications Inc.," <u>Broadcasting</u> , Lexis-Nexis, Jul. 27, 1987.
	"Applications Information VCR-3001A Universal Videocassette Control Module," Channelmatic, Inc., product description, 5 pages, Mar. 1984.
	Killion, Bill, "Advertising," <u>SAT Guide</u> , July 1982.
	"PL-5A Price List Typical Systems," Channelmatic, Inc., November 1984.
	"Channelmatic SPOTMATIC Random Access Commercial Insert System," Channelmatic, Inc., product description, Jul. 1983.
	Killion, Bill, "Automatic Commercial Insertion Equipment For The Unattended Insertion Of Local Advertising," paper presented at 33rd Annual National Cable Television Association Convention, June 1984.

Examiner	Date Considered
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<b>Title: Signal Processing Apparatus and Method</b>		

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Channelmatic SDA-1A Sync Stripping Pulse Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
	"Broadcast Quality Random Access Commercial Insert System Featuring the Channelmatic SPOTMATIC Z," Channelmatic, Inc., product description, 1 page.
	"Audio Level Detector ALD-3000A," Channelmatic, Inc., product description, March 1984, 1 page.
	"CVS-3000A Commercial Verification System," Channelmatic, Inc., product description, March 1984, 1 page.
	"Four-Channel Commercial Insert System Featuring the Channelmatic CIS-1A SPOTMATIC JR," Channelmatic, Inc., product description, 1 page.
	"Local Program Playback System Featuring the Channelmatic VCR-3005A-5 Videocassette Sequencer," Channelmatic, Inc., product description, 1 page.
	"Channelmatic BBX-1A Billibox Bypass and Test Switcher," Channelmatic, Inc., product description, 2 pages.
	"Channelmatic's Handimod I," Channelmatic, Inc., product description, 2 pages.
	"SPOTMATIC JR. Single VCR Commercial Insert System," Channelmatic, Inc., product description, 4 pages.
	"PL-1A Price List, 3000 Series Equipment," Channelmatic, Inc., Feb. 1985, 2 pages.
	"PL-2B 1000 Series Price List, 1.75 x 19 Inch Rack Mounting," Channelmatic, Inc., July 1985.

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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"VPD-3001A Signal Presence Detector," Channelmatic, Inc., product description, March 1984, 1 page.
	"Channelmatic CMG-3008A 8-Page Color Message Generator Module," Channelmatic, Inc., product description, 1 page.
	"Tone Switching System Model TSS-3000A-1," Channelmatic, Inc., product description, 1 page.
	"Series 3000 Satellite Receiver Controllers," Channelmatic, Inc., product description, 2 pages.
	"Channelmatic UAA-6A Universal Audio Amplifier," Channelmatic, Inc., product description, 1 page.
	"Channelmatic ADA-3006A Audio Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
	"Channelmatic ADA-1A, ADA-2A, ADA-3A Audio Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
	"Channelmatic VDA-3006A Video Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
	"Channelmatic VDA-1A, VDA-2A, VDA-3A Video Distribution Amplifier," Channelmatic, Inc., product description, 1 page.
	"Channelmatic AVS-10A Patchmaster," Channelmatic, Inc., product description, 2 pages.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Broadcast Break Sequencer Model BBS-3006A," Channelmatic, Inc., product description, March 1984, 1 page.
	"Audio-Video Emergency Alert System," Channelmatic, Inc., product description, March 1984, 2 pages.
	"VCR Automation System LPS-3000A," Channelmatic, Inc., product description, March 1984, 2 pages.
	"Clock Switching System Model CCS-3000A-1," Channelmatic, Inc., product description, March 1984, 1 page.
	"Channelmatic PCM-3000A Superclock Programmable Controller Module," Channelmatic, Inc., product description, 2 pages.
	"PL-3A Price List Videocassette Changers," Channelmatic, Inc., Nov. 1984, 1 page.
	Channelmatic, Inc., advertisement, "Looking at Local Ad Sales?", 1 page.
	"Channelmatic Television Switching and Control Equipment 3000 Series," Channelmatic, Inc., product descriptions, 1984.
	"CIS-1A SPOTMATIC JR. & CIS-2A LI'L MONEYMAKER," Channelmatic, Inc., Installation and Operations Guide, 950-0066-00, V1.0.
	"1986 Annual Report to Shareowners, Customers and Employees," The Dun & Bradstreet Corporation.
	Landro, Laura, "CBS, AT&T May Start Videotex Business In '83 if 7-Month Home Test Is Successful," <u>The Wall Street Journal</u> , Sep. 28, 1982, p. 8.

Examiner	Date Considered
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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Video Visionaries," <u>Review</u> , September 1982, pp. 95-103.
	"Video-Game Boom Continues Despite Computer Price War," Technology, <u>The Wall Street Journal</u> , Oct. 1, 1982, p. 33.
	Dunn, Donald H., editor, "How to Pick Your Stocks by Computer," Personal Business, <u>Business Week</u> , Sep. 12, 1983, pp. 121-122.
	Sandberg-Diment, Erik, "Instruction Without Inspiration," Personal Computers, <u>The New York Times</u> , Sep. 6, 1983, p. C4.
	Pace, Eric, "Videotex: Luring Advertisers," <u>The New York Times</u> , Oct. 14, 1982.
	"Will Knight-Ridder Make News With Videotex?", Media, <u>Business Week</u> , Aug. 8, 1983, pp. 59-60.
	Kneale, Dennis, et al., "Merrill Lynch and IBM Unveil Venture To Deliver Stock-Quote Data to IBM PCs," <u>The Wall Street Journal</u> , March 22, 1984, p. 8.
	"Merrill Lynch Joins I.B.M. in Venture," <u>The New York Times</u> , Mar. 22, 1984, 1 page.
	Kneale, Dennis, "Merrill Lynch Plans Stock-Quote Service Linked to I.B.M.'s PC," <u>The Wall Street Journal</u> , Mar. 21, 1984, 1 page.
	"A Videotex Pioneer Pushes Into The U.S. Market," <u>Business Week</u> , Apr. 16, 1984, p. 63.
	Gregg, Gail, "The Boom In On-Line Information," New Businesses, <u>Venture</u> , March 1984, pp. 98-102.
	Sanger, David E., "Trading Stock By Computer," Technology, <u>The New York Times</u> , March 29, 1984, 1 page.

Examiner	Date Considered
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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Saddler, Jeanne et al., "COMSAT, Citing Risks, Ends Negotiations With Prudential on Satellite - TV Venture," <u>The Wall Street Journal</u> , Dec. 3, 1984, p. 51.
	Pollack, Andrew, "Electronic Almanacs Are There for the Asking," <u>The New York Times</u> , March 18, 1984, 1 page.
	Connelly, Mike, "Knight-Ridder's Cutbacks at Viewtron Show Videotex Revolution Is Faltering," <u>The Wall Street Journal</u> , Nov. 2, 1984, p. 42.
	"Time Inc. May Drop Teletext," newspaper article, 1 page.
	Pollack, Andrew, "Time Inc. Drops Teletext Experiment," newspaper article, 1 page.
	Arenson, Karen W., "CBS, I.B.M., Sears Join In Videotex Venture," newspaper article, 1 page.
	"E.F. Hutton to Start A Videotex Service," newspaper article, 1 page.
	Dunn, Donald H., editor, "Devices That Let You Track Stocks Like A Floor Trader," <u>Personal Business</u> , <u>Business Week</u> , July 25, 1983, pp. 83-84.
	"United Satellite Racing Competitors," newspaper article, 1 page.
	Fantel, Hans, "Videotex to Expand What a TV Can Do," article, 1 page.
	"Zenith and Taft Co. In Teletext Venture," <u>The New York Times</u> , p. D3.
	Pollack, Andrew, "Videodisk's Data Future," <u>The New York Times</u> , Oct. 7, 1982, p. D2.

Examiner	Date Considered
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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Pace, Eric, "Videotex In Years To Come," Advertising, <u>The New York Times</u> , Sep. 1, 1982, p. D15.
	"Advanced Minicomputer-based Systems for Banking and Financial Institutions," Money Management Systems, Incorporated, brochure, 1980, 9 pages.
	Middleton, Teresa, "The Education Utility," <u>American Educator</u> , Winter 1986, pp. 18-25.
	Perlez, Jane, "Teachers Act to Increase Decision-Making Power," <u>The New York Times</u> , July 8, 1986, 1 page.
	Couzens, Michael, "Invasion of the People Meters," <u>CHANNELS</u> , June 1986, pp. 40-45.
	Behrens, Steve, "People Meters vs. The Gold Standard," <u>Channels</u> , p. 72, Sep. 1987.
	Diamond, Edwin, "Attack of the People Meters," <u>New York</u> , pp. 38-41, Aug. 24, 1987.
	"Ratings Brawl (Is Nielsen losing its grip?)" <u>Time</u> , p. 57, July 20, 1987.
	Sheets, Kenneth R., "No go. TV networks nix new high-tech rating system," <u>U.S. News &amp; World Report</u> , p. 39, July 20, 1987.
	Lieberman, David, "The Networks' Big Headache," <u>Business Week</u> , pp. 26-28, July 6, 1987.
	Barbieri, Rich, "Perfecting the Body Count," <u>Channels</u> , p. 15, June 1987.
	Dumaine, Brian, "Who's Gypping Whom in TV Ads?", <u>Fortune</u> , pp. 78-79, July 6, 1987.
	Behrens, Steve, "People Meters' Upside," <u>Channels</u> , p. 19, May 1987.

Examiner	Date Considered
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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"People Meters," <u>The New Yorker</u> , pp. 24-25, March 2, 1987.
	Zoglin, Richard, "Peering Back at the Viewer," <u>Time</u> , p. 84, June 30, 1986.
	Kanner, Bernice, "Now, People Meters," <u>New York</u> , 3 pages, May 19, 1986.
	Trachtenberg, Jeffrey A., "Anybody home out there?", <u>Forbes</u> , pp. 169-170, May 19, 1986.
	Waters, Harry F. et al., "Tuning In on the Viewer," <u>Newsweek</u> , p. 68, March 4, 1985.
	Berss, Marcia, "Tune in," <u>Forbes</u> , p. 227, Sep. 24, 1984.
	"Financial News Network Eyeing Teletext Service Tied To Home Computers," <u>International Videotex Teletext News</u> , Dec. 1983, 1 page.
	Prospectus, Financial News Network, Inc., Jul. 13, 1982.
	"ELRA Group Cablemark Reports Volume I," <u>SAT Guide</u> , Feb. 1982, 1 page.
	"DOWALERT," Brochure, 1983, 6 pages.
	New York Stock Exchange, Inc., Computer Input Services, Schedule of Monthly Charges, Aug. 1, 1981, 1 page.
	New York Stock Exchange, Inc., Market Data Services, Schedule of Monthly Charges, Jan. 1, 1982, 1 page.
	"Introducing DowAlert," brochure, 1982, 8 pages.
	"Dow Jones Cable Information Services," Company Brochure, 1982..

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Personal Portfolio Button," brochure, JS&A, 1982.
	"Business news breakthrough from Dow Jones," advertisement, <u>The Wall Street Journal</u> , Jun. 10, 1982, p. 47.
	"Charting A More Profitable Course For Your Portfolio?", advertisement, Dow Jones News/Retrieval, <u>The Wall Street Journal</u> , Jun. 24, 1982, p. 40.
	"Now you can get the precise business and financial news you want . . . throughout the business day." "Dow Alert," brochure, 1982.
	Promotional letter, "Dow Jones Cable News," Dow Jones & Company, Inc., Jan. 1, 1982, 2 pages.
	"1981 Annual Report," Quotron Systems, Inc.
	Prospectus, Quotron Systems, Inc., Nov. 1982.
	"Threat to Quotron Discounted," <u>The New York Times</u> , 1984, 2 pages.
	"Quotron's Central Position in Statistics Service Is Facing Competition From Several Challengers," <u>The Wall Street Journal</u> , Feb. 2, 1984, p. 59.
	"European Security Prices Are Now Available As New Service From Quotron Systems," News Release, Sep. 21, 1984, 1 page.
	"1983 Annual Report," Quotron Systems, Inc.
	"How to increase training productivity through VIDEODISC and MICROCOMPUTER systems," seminar brochure, 1981.

Examiner	Date Considered
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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"The Revolution Continues . . .", Regency Systems, Inc., company brochure, 1984, 6 pages.
	"How personal computers can backfire," <u>Business Week</u> , July 12, 1982, pp. 56-59.
	"Taking control of computer spending," <u>Business Week</u> , July 12, 1982, pp. 59-60.
	Meserve, Everett T., "A History of Rabbits," <u>DATAMATION</u> , pp. 188-192.
	Meserve, Everett T. (BILL), "The Future of Rabbits," <u>DATAMATION</u> , Jan. 1982, pp. 130-136.
	PC Ideas International Corp., product catalog, 7 pages, 1985.
	UltiTech, Inc., "The Portable Interactive Videodisc System 3," brochure, 1985.
	Sony Video Communications, "LDP-1000A Laser Videodisc Player," product description, 1983, 2 pages.
	TMS Inc., Digital Laser Technology, product information, 1984, 16 pages.
	Sony Video Communications, "Videodisc, Premastering and Formatting," brochure, 1982.
	Pioneer Video, Inc., "LD-V4000 Industrial Laserdisc Player," product description, Feb. 1984, 2 pages.
	Pioneer Video, Inc., "LD-V6000 Industrial Laserdisc Player," product description, May 1985, 2 pages.
	Pioneer Video, Inc., "LD-V6000 Industrial Laserdisc Player," products price list, April 1984, 1 page.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Pioneer Video, Inc., "Customer Support Publications," 2 pages.
	Pioneer Video, Inc., "Pioneer LD-V1000 Laserdisc Player," price list, Feb. 1984, 1 page.
	Pioneer Video, Inc., "LD-V1000 Laserdisc Player," product description, Feb. 1985, 2 pages.
	Pioneer Video, Inc., "LD-V4000 Laserdisc Player," products price list, Dec. 1983, 1 page.
	"Space-Age Navigation For The Family Car," reprinted from <u>Business Week</u> , June 18, 1984, 2 pages.
	Held, Thomas et al., "Videodisc To Lure And To Learn," reprinted from <u>The Journal of the International Television Association</u> , International Television, May 1984, 4 pages.
	SONY, "SONY View System, The Intelligent Video System," product description, 1985, 2 pages.
	SONY, "LDP-2000 Series, VideoDisc Players," brochure, 1985, 12 pages.
	DIGITAL, "Vax Producer, A System for Creating Interactive Applications," product bulletin, May 1984, 8 pages.
	"LASERDATA Announces Trio Encoder at the SALT Show," News release, Aug. 21, 1985, 3 pages.
	"LASERDATA Still Frame Audio Premastering Guide," advertisement, 3 pages.
	"LASERDATA Trio Encoder Product Description," product description, 4 pages.
	"PC TRIO," LASERDATA, product description, 2 pages.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	LASERDATA, price list, Aug. 1, 1985, 4 pages.
	News Release, Industrial Training Corporation, Merger of IIAT with and into ITC, Jun. 11, 1985, 1 page.
	"A Touch-Screen Disc (Devlin Interviews the Producer)," reprinted from <u>E&amp;ITV</u> magazine, Vol. 16, No. 5, May 1984, 4 pages.
	"Interactive Videodisc In Education And Training," Seventh Annual Conference, Society For Applied Learning Technology, conference agenda, Aug. 1985.
	"Inter Active Video from . . .," BCD Associates, brochure, 1985.
	<u>The Videodisc Monitor</u> , Volume II: Number 8, August 1984, 16 pages.
	"Products From The VideoDisc Monitor," order form, 2 pages.
	"Interactive Video Served on a disc," Scotch Laser Videodisc, 3M, brochure, 8 pages.
	Scotch Laser Videodisc, Price List, May 1, 1984, 2 pages.
	"How to find the pot of gold at the end of this rainbow," Scotch Videodisc, 3M, brochure.
	Scotch Laser Videodisc, Prices for Special Services, Feb. 15, 1984, 2 pages.
	Scotch Laser Videodisc, Master Tape Specifications, May 1984, 2 pages.
	"IEV Graphics and Interactive Video Products," IEV Corporation, product information, 1 page.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"IEV-20 High-Resolution Color Graphics For The IBM-PC," IEV Corporation, product description, 1 page.
	"IEV-40 Graphics Overlay and Video Disc and Tape Control for the IBM-PC," IEV Corporation, product description, 1 page.
	"IEV-10 A Direct Replacement for the IBM Color/Graphics Adapter Card with Video Overlay Capability," IEV Corporation, product description, 1 page.
	"Model 60 Graphics Overlay and Disc or Tape Controller," IEV Corporation, product description, 1 page.
	"The IRIS System," Silicon Graphics, Inc., product brochure, 1983.
	"IRIS 1400, High Performance Geometry Computer," Silicon Graphics, Inc., product specification, 2 pages.
	"IRIS 1000/1200, High Performance Geometry Terminals," Silicon Graphics, Inc., product specification, 2 pages.
	"IRIS 1500, High Performance Geometry Computer," Silicon Graphics, Inc., product specification, 2 pages.
	"The IRIS Graphics System," Silicon Graphics, Inc., system description, 1983, 6 pages.
	"UNIX, Operating System for the IRIS Geometry Computer," Silicon Graphics, Inc., product specification, 1 page.
	"IRIS Graphics Library, Programming Support for IRIS Systems," Silicon Graphics, Inc., product specification, 1 page.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"ETHERNET, 10mbit per second Local Area Network," Silicon Graphics, Inc., product specification, 2 pages.
	SONY, SONY Video Communications, "PVM-1910/PVM-1911 19" Trinitron Color Video Monitors, product brochure, 1984, 8 pages.
	"Computer Controls for Video Production," EECO EECODER Still-Frame Decoder VAC-300, product brochure, 1984, 4 pages.
	O'Donnell, John et al., "Videodisc Program Production Manual," SONY, 1981.
	"Still Frame Audio Encoder," LASERDATA, product description, 2 pages.
	"TRIO 110," LASERDATA, product description, 2 pages.
	"LD-V6000, Industrial Laserdisc Player," A Technical Perspective, Pioneer Video, Inc., May 1984.
	"SWSD System," Stills With Sound and Data, Pioneer Video, Inc., product description, Aug. 1984, 2 pages.
	Pioneer Video, Inc., Price List, Industrial Disc Replication and Program Development Services, May 1984, 4 pages.
	"V: Link 1000," Visage, Inc., product description, 1984, 2 pages.
	"The University of Delaware Videodisc Music Series presents Interactive Videodisc Instruction in Music," advertisement, 8 pages.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Interactive Videodisc In Education And Training," Sixth Annual Conference, Society For Applied Learning Technology, conference agenda, Aug. 1984, 2 pages.
	"Sony engineering introduces to industry the new Sony Laser VideoDisc," Sony Video Communications, product brochure, 12 pages.
	"GraphOver 9500," Hi-Res Graphics Overlays for NTSC Video, New Media Graphics, product description, 1983, 4 pages.
	"New Horizons In Interactive Video," Puffin product advertisement, IEV Corporation, 2 pages.
	IEV February 1985 Price List, 1 page.
	"Fast Forth" "No Other Forth Comes Close," IEV Corporation, product brochure.
	"Pro 68 Advanced Technology 16/32 Bit Co-Processor For IBM PC, PC/XT, PC/AT and Capatibles," Hallock Systems Company, Inc., product description, 7 pages.
	"Pro 68 Software Facts," Hallock Systems Company, Inc., product description, 6 pages.
	"Pro CAD A Pro 68 Software Product," Hallock Systems Company, Inc., product description, 4 pages.
	"V: Station 2000 System," Visage, Inc., product description, 2 pages.
	"Upgrade Packages," Visage, Inc., product description, 1 page.
	"Development Software," Visage, Inc., product description, 4 pages.

Examiner	Date Considered
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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"V: Link Modules," Visage, Inc., product description, 4 pages.
	Visage, Price List, Visage, Inc., Apr. 1985, 4 pages.
	Kalowski, Nathan, "Player, Monitor, Interface," reprinted from Jan. 1985 issue of <u>Data Training</u> , 4 pages.
	"Five Authoring Languages Now Available For Use With Visage Interactive Video Systems," Visage News Release, Visage, Inc., March 18, 1985, 5 pages.
	"GraphOver 9500," Hi-Res Hi-Speed Graphics Overlays For Videodisc, New Media Graphics, product description, 1985, 4 pages.
	"PC-VideoGraph," Hi-Res PC Graphics For Videotaping or Display, New Media Graphics, product description, 1985, 4 pages.
	"PC-GraphOver," Interactive Video With Graphics Overlays, New Media Graphics, product description, 1985, 4 pages.
	"Off-the-shelf raster scan display generator creates composite video image," reprinted by <u>Defense Systems Review and Military Communications</u> , Jan. 1985, p. 55.
	"The NTN Entertainment Network," NTN Entertainment Network, programming information sheet, 2 pages.
	Dickey, Glenn, "A Game That's Better Than The Real Thing," <u>San Francisco Chronicle</u> , Dec. 17, 1985, p. 63.
	Connell, Steve, "Arm-Chair Quarterbacking (Computer football game makes fans the play-callers)," <u>The Sacramento Union</u> , Jan. 23, 1986, 3 pages.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Gunn, William, "Get Ready For Monday Night Football," <u>Night Club and Bar</u> , July 1986, pp. 20-22.
	Brack, Fred, "QB1 Anyone?", <u>Alaska Airlines</u> , August 1986, 2 pages.
	Dickey, Glenn, "QB1: Bringing The Game Into The Bar," <u>SPORT MAGAZINE</u> , Oct. 1986, 1 page.
	"The Most Exciting Customer and Revenue Building Program Since Sports were First Shown on T.V.", NTN Communications, Inc., QB1 product brochure, 1986, 4 pages.
	"NTN - The Company," NTN Communications, Inc., company description, 1 page.
	NTN Communications, Inc., "Trivia Countdown," and "Trivia Showdown," product descriptions, 1 page.
	Pottle, Jack T. et al., "The Impact of Competitive Distribution Technologies on Cable Television," Report, prepared for The National Cable Television Association, March 1982.
	"Consumer Electronics: A \$40-Billion American Industry," a report prepared by Arthur D. Little, Inc. for the Electronic Industries Association/Consumer Electronics Group, April 1985.
	"CAMP," Arbitron Cable, The Arbitron Company, product brochure, May 1980, 8 pages.
	"Times Mirror Videotex/Infomart Joint Venture," <u>Times Mirror</u> , Background, Jan. 8, 1982, 3 pages.
	Cable Advertising Conference February 9, 1982, conference agenda, Cabletelevision Advertising Bureau, Inc., 6 pages.

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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	True Stereo Television, Series 1600 Warner-Amex Stereo Processers, Wegener Communications, Inc., product description, 1982, 3 pages.
	"EUROM - a single-chip c.r.t. controller for videotex," Mullard, Technical publication, 1984, 12 pages.
	"EUROM" "A display IC for CEPT Videotex," Mullard, product information, Feb. 1984, 6 pages.
	"Satellite-Delivered Text Service Signs 4 Carriers," Multichannel News, Jun. 18, 1984, p. 18.
	Aarsteinsen, Barbara, "How the Chip Spurs TV Growth," "The promise of digital television has stirred the U.S. Industry," <u>The New York Times</u> , May 20, 1984, 1 page.
	Pollack, Andrew, "As Usual, Here Come The Japanese," <u>The New York Times</u> , May 20, 1984, 1 page.
	"Unleashing IBM Could Help A Satellite Venture Blast Off," <u>Business Week</u> , May 28, 1984, 2 pages.
	Mayer, Martin, "Here comes Ku-band," <u>Forbes</u> , May 21, 1984, pp. 65-72.
	"The UCSD p-SYSTEM Version IV," SOFTECH Microsystems, product description, 2 pages.
	"UCSD p-SYSTEM LANGUAGES, Version IV UCSD Pascal, FORTRAN-77, BASIC and Assembler," SOFTECH Microsystems, product description, 2 pages.
	"ADD-ON FEATURES, UCSD p-System Version IV," SOFTECH Microsystems, product description, 2 pages.

Examiner	Date Considered
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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"USCD p-System, Version IV.1," SOFTECH Microsystems, product description, 4 pages.
	SOFTECH Microsystems, Product Order Form, Oct. 1982, 2 pages.
	"HOMECAST, A Consumer Market Service from ICM Services," Chase Econometrics, product brochure, 2 pages.
	"Consumer Systems Industry Service," research notes, GARTNER GROUP, Inc., June 22, 1983, 13 pages.
	<u>DOWNLOAD</u> , Monthly Newsletter, Vol. 1, No. 1, May 1984.
	Nocera, Joseph, "Death of a Computer," <u>Texas Monthly</u> , April 1984.
	Special Report, <u>Business Week</u> , July 16, 1984, pp. 84-111.
	Zenith, Video Hi-Tech Component TV, product brochure, Aug. 1982, 8 pages.
	Ferretti, Fred, "For Major-League Addicts, A Way to Win a Pennant," <u>The New York Times</u> , Jul. 8, 1980, 1 page.
	Friedman, Jack, "The Most Peppery Game Since The Hot Stove League? It's Rotisserie Baseball," <u>People weekly</u> , April 23, 1984, 2 pages.
	"Information Package For MDS Applicants," Department of Communications Radio Frequency Management Division, Oct. 1986.
	Department of Transport and Communications Radio Frequency Management Division, Licensing Procedures for Ancillary Communications Services (ACS).

Examiner	Date Considered
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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	Minister for Communications Guidelines for Provision of Video and Audio Entertainment and Information Services, Oct. 13, 1986.
	Christopher, Maurine, "BAR cable service set," <u>Advertising Age</u> , Sep. 21, 1981, pp. 68 & 72.
	"In this corner, DIGISONICS!", <u>Media Decisions</u> , June 1968, 5 pages.
	"Did the ad run?", <u>Media Decisions</u> , July 1969, pp. 44 et seq.
	"DIGISONICS TV Monitor System Finds Defenders," <u>Advertising Age</u> , Dec. 8, 1969, 1 page.
	"Merrill Lynch Advanced Applications Systems," Advanced Automation Systems Department, system description, publication date unknown.
	Dougherty, Philip, "Gathering Intelligence For Profit," newspaper article, 1981, p. D7.
	"Vidbits," <u>Advertising Age</u> , Sep. 21, 1981, p. 70.
	"Measuring The Cable Audience," Ogilvy & Mather, Advertising, 1980, pp. H1-H8.
	Cooney, John E., "Counting Cable's Gold Coins," <u>View</u> , Sep., 1981, 4 pages.
	"Cable TV Advertising," Paul Kogan Associates, Inc., No. 22, Feb. 18, 1981, 6 pages.
	"IDC begins monitoring," At Deadline, <u>Broadcasting</u> , Sep. 14, 1970, p. 9.
	"Contraband code," Closed Circuit, <u>Broadcasting</u> , Sep. 28, 1970, 1 page.
	"Listeners," Closed Circuit, <u>Broadcasting</u> , 1 page.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Digisonics violated standards, says BAR," <u>Broadcasting</u> , Oct. 5, 1970, pp. 21-23.
	"Talent pay code put off," <u>At Deadline</u> , <u>Broadcasting</u> , Nov. 9, 1970, p. 9.
	"Digisonics' Aim Is Info Bank, Not Just Proof of Performance," <u>Advertising Age</u> , Nov. 9, 1970, 4 pages.
	"Digisonics pushes its coding method," <u>Broadcasting</u> , Dec. 7, 1970, p. 37.
	"No Digisonics friends show in comments," <u>Broadcasting</u> , May 24, 1971, p. 62.
	"Digisonics' dilemma," <u>Media Decisions</u> , June 1971, 6 pages.
	"IDC encoding system still alive at FCC," <u>Broadcasting</u> , Sep. 27, 1971, p. 31.
	Howard, Niles A., "IDC drops tv monitoring; mulls revival," reprint from <u>Advertising Age</u> , Feb. 3, 1975, 1 page.
	"TELEPROOF I" "An Exciting New Development Of International Digisonics Corporation," product brochure, 13 pages.
	"TELEPROOF 2," IDC Services, Inc., product description, 6 pages.
	"The Best Reason To Buy Odetics On-Air Automation Systems Today?" Advertisement, Odetics Broadcast, 1 page.
	"Advertising On Cable" "Automatic Commercial Insertion-Plus-Automatic Print-Out Verification With the New Ad Machine and Ad Log," Advertisement, Tele-Engineering Corporation, 4 pages.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"NTN Communications, Inc. Entertainment Network Program Schedule," Advertisement, NTN Communications, Inc., 2 pages.
	"Interactive Football For The Home," Advertisement, U.S. Videotel, 2 pages.
	"NTN Programming," Advertisement, NTN Communications, Inc., 2 pages.
	"Electronic Surveys, Inc. Signs NTN Contract," News Release, NTN Communications, Inc. Carlsbad, CA, 2 pages.
	Andrews, Edmund L., "AT&T Sees the Future in Games," <u>The New York Times</u> , Business Day, 2 pages.
	"Total Teleconferencing Solutions For Your Communication And Training Needs," brochure, Parker Communications Corporation, PARKER ASSOCIATES.
	"PSN Signs Fourth High Technology Customer As Amdahl Corporation Implements Business Television," PSN News, News Release, Private Satellite Network, Inc., 2 pages.
	PSN, Private Satellite Network, Inc., product information for MISTS, Mass Interactive Simultaneous Telecommunications System, 6 pages.
	"Broadcasting Services," brochure, PSN, Private Satellite Network, Inc., 6 pages.
	Martin, Vivian B., "Companies use TV talk shows to inform workers," <u>The Hartford Journal</u> , Business Weekly, 1 page.
	Fisher, Lawrence M., "TV: Growing Corporate Tool," <u>The New York Times</u> , 2 pages.

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	Vaughan, Kimithy, "Evolution of Corporate Television Networks," <u>Teleconference</u> , The Business Communication Magazine, pp. 38-40.
	"New In Teleconferencing Resources," advertisement, Parker Associates, 4 pages.
	"Business Television Services," Irwin Communications, Inc., brochure, 1 page.
	"Corporate Capabilities," Irwin Communications, Inc., brochure, 1 page.
	"Introducing RSVP: The latest breakthrough for cable!", advertisement, ARBITRON, 1 page.
	"Viacom Unit Will Tap Into Pay Networks," newspaper article, 1 page.
	"SHOW or TELL?", Advertising material, The Weather Star 4000, The Weather Channel, 8 pages.
	"Video Hi-Tech Component TV," CV 1950, CV 510, CV 540, CV 520, CV 150," advertisement, Zenith Radio Corporation, 4 pages.
	"Point-To-Multipoint Data Communication Network Services," product description, Equatorial Communications Company, 5 pages.
	"C-100 Series Micro Earth Stations for Satellite Data Distribution," product description, Equatorial Communications Company, 4 pages.
	"C-200 Micro Earth Station for Satellite Data Communications," product description, Equatorial Communications Company, 3 pages.

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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Interactive Data Communication Network Services," product description, Equatorial Communications Company, 3 pages.
	"Data Communications Network Description," product description, Equatorial Communications Company, 5 pages.
	Landro, Laura, "Satellite Company Signs Merrill Lynch For Its Video Service," <u>The Wall Street Journal</u> , 1 page.
	"ELITE 2000 Creation System," IBM Compatible Information Display System, advertisement, Display Systems International, Inc., 1 page.
	"Video Database Management . . . When Words Are Not Enough," advertisement, U.S. Video, 2 pages.
	"U.S. Video presents . . . True Computer-Video Overlays," The Raster Master RM-110, product description, U.S. Video, 2 pages.
	"Now You Can Find Just The Right Image Every Time Quickly and Easily with Image Search and The IBM PC/XT," advertisement, ONLINE Computer Systems, Inc., 1 page.
	"Touch the Future Today," advertisement, MetaMedia Systems, Inc., 1 page.
	"Training solutions for the 80's and beyond," advertisement, ONLINE Computer Systems, Inc., 2 pages.
	"Experienced Educator/Trainers," "Use the new PILOT plus Training System to develop highly interactive courseware on your IBM PC that will run on most microcomputers," advertisement, ONLINE Computer Systems, Inc., 2 pages.

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### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Technical Specifications For Hardware And Software Products," Online Products Corporation, 9 pages.
	"Museum Image Series," product information, ONLINE Products Corporation, 2 pages.
	"OMEGA VISION," product description, Omega Management Group Corp., 2 pages.
	"VISAGE Visual Information Systems," Interactive Video Products, brochure, Visage, Inc.
	"Now The Future Is Clear," Visage Visual Information Systems, brochure, Visage, Inc., 4 pages.
	"Speak Through The Power Of Today's Technology," QUEST, product description, Allen Communication, 4 pages.
	"Universal Video Controller," product description, Allen Communication, 2 pages.
	"Video-Microcomputer Interface," product description, Allen Communication, 2 pages.
	"The Leader In Interactive Video," advertisement, Allen Communication, 2 pages.
	"Allen Communication Price List," Allen Communication, 1 page.
	"TOUCHÉ Interactive videodisc training by IIAT," advertisement, IIAT, International Institute of Applied Technology, Inc., 1 page.
	"TOUCHÉ Interactive Videodisc System," product description, IIAT, International Institute of Applied Technology, Inc., 2 pages.

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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"IIAT ST-1000A IIAT Training Station," product description, IIAT, International Institute of Applied Technology, Inc., 2 pages.
	"IIAT ST-1000B IIAT Training Station," product description, IIAT, International Institute of Applied Technology, Inc., 2 pages.
	"IIAT International Institute of Applied Technology, Inc.," company description, 4 pages.
	"PILOT plus Course Authoring Interpreter," IIAT Products, product description, 1 page.
	"Touch Monitor/Videodisc Player Interface Card and Video Switch Box," IIAT Products, product description, 1 page.
	"Touch Sensitive Monitor Interface Card for Apple II," IIAT Products, product description, 1 page.
	"Touchpoint, A Total Eclipse of Existing Technology," product description, Allen Communication, 2 pages.
	"Totally Integrated Interactive System - TII-PC," product description, Allen Communication, 2 pages.
	"Most Valuable Peripheral," product description, Allen Communication, 2 pages.
	"Allen Communication Introduces Integrated Interactive Video Systems," brochure, 2 pages.
	"Automation, Control and Monitoring Systems," brochure, Jasmin Electronics Limited.
	"jasmin," company brochure, Jasmin Electronics Limited, 4 pages.

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	Filing Date June 2, 1995	Group 2602

### Other Documents

Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"jasmin Teletext Systems," advertisement, Jasmin Electronics Limited, 4 pages.
	"jasmin Process Control Systems," advertisement, Jasmin Electronics Limited, 4 pages.
	"Teleprompter of Denver Channel Line Up," 2 pages.
	"City of Seal Beach Channel Utilization Guide," 3 pages.
	"V: Link 1910: The Single-Slot VGA Interactive Video Solution," product description, Visage, Inc., 4 pages.
	"The OASYS Authoring System," advertisement, ONLINE Computer Systems, Inc., 1 page.
	"Advertisers Guide to Cable TV Terms," brochure, Cable Ad Associates, Inc.
	"Cable Audience Measurement Study," A Prospectus based upon recommendations of the Ad Hoc Cable Measurement Committee, pamphlet.
	Kane, Sharyn et al., "Technology in the First Person," reprint from Delta Air Lines' SKY magazine, 4 pages.
	"Training Systems," brochure, WICAT systems, Training Systems Division, 4 pages.
	"The Consultant," advertisement, CO-OPPORTUNITIES, Sales Development Information Systems, a division of Jefferson-Pilot Communications Company.
	"Introducing SPOT DATA," "Cable Ad Sales Just Got Better," advertisement, TV Data Technologies, 4 pages.

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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
	"Do You Want to be Making \$5-\$10 a Subscriber - Right Now?" "Join Us in Our Success!", advertisement, Multi-Image Systems, 1 page.
	"Mediastar," "the message is clear," brochure, Multi-Image Systems, 6 pages.
	"Art To Go" "The Business Builder in a Box," advertisement, Multi-Image Systems, 1 page.
	"Few Things In Life Work As Well As TAPSCAN," advertisement, TAPSCAN Incorporated, 6 pages.
	"Dow Jones Cable News Service Daily Features Financial Markets," product summary, 1 page.
	"Financial News Network The Business Connection," brochure, Financial News Network, 8 pages.
	"The Financial News Network Means Business," advertisement, The Financial News Network, 1 page.
	"The Dawn of a New Era in Financial News Broadcasting," advertisement, Financial News Network, 1 page.
	"FNN Financial News Network," advertisement, brief review of research from the Stanford Research Institute's VALS study, and research from ELRA Group Cablemark Reports Volume I, 4 pages.
	"Industrial Skills Training With The Touch Of A Finger . . . Introducing . . . Activ," Advanced Concepts in Touch-Interactive Video, advertisement, Industrial Training Corporation, 4 pages.

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	"eca," brochure, Effective Communication Arts, Inc., 4 pages.
	"ODC 612 Encoder/Generator," product description, Optical Disc Corporation, 2 pages.
	"... the Recordable Laser Videodisc - RLV," product description, Optical Disc Corporation, 2 pages.
	"ODC 610 Videodisc Recording System," product description, Optical Disc Corporation, 2 pages.
	"Hitachi New CD-ROM Drive CDR-2500," product description, Hitachi, Ltd., 2 pages.
	"Hitachi CD-ROM Drive CDR-1502S," product description, Hitachi, Ltd., 6 pages.

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